CTEH®

THE SCIENCE OF READY℠

SOUTH 4 GROUP FIRE

Port Neches, TX

Preliminary Analytical Air Data Summary

December 12, 2019

Project #112312

1.0 Introduction

On November 27, 2019 at approximately 04:00 Central Standard Time (CST), TPC Group requested that CTEH® provide air monitoring and analytical air sampling support in response to a tank fire at the TPC Group facility located in Port Neches, Texas. CTEH® arrived on-site on November 27, 2019 at 08:00 CST and began real-time air monitoring and deploying analytical air sampling within the industrial areas and residential communities located around the TPC Facility.

This report summarizes volatile organic compound (VOC), polycyclic aromatic hydrocarbon (PAH), and asbestos analytical air samples collected since November 27th, 2019 and the analytical air sampling data received by December 11th, 2019.

2.0 Air Sampling Methods

CTEH® developed and implemented an Air Sampling Analysis Plan (SAP) to document and quantify the potential release of fugitive emissions from the incident at ground level. The SAP was approved by local, state, and federal representatives of the on-site Unified Command (UC).

CTEH® collected air samples in the surrounding community areas for laboratory analysis of airborne VOCs, PAHs, and asbestos. Maps of the site location and analytical air sample locations are provided in **Attachment A**. Whole air samples for VOCs were collected using 1.4-liter evacuated canisters with a 24-hour flow controller. These samples were deployed for 24-hour periods and sent to a third-party accredited laboratory for analysis of volatile organic compounds (VOCs)[1], including 1,3-butadiene, in accordance with the United States Environmental Protection Agency (US EPA) method TO-15. In addition, air samples were collected over 24-hour periods using sampling air pumps with chemical-specific sorbent media and were analyzed for PAHs according to the NIOSH Method 5506. Integrated air sampling was also conducted to document and quantify the presence of airborne asbestos fibers (if any). All asbestos samples were sent to an American Industrial Hygiene Association (AIHA)-accredited laboratory for analysis by NIOSH method 7400 phase contrast microscopy (PCM) and NIOSH method 7402 transmission electron microscopy (TEM).

In addition, to ensure completeness, each laboratory report is also undergoing data verification and/or validation by an independent contractor. A summary of the number of samples collected since November 27th and results received by December 11th, 2019 is provided in **Table 1 (VOCs), Table 2 (PAHs),** and **Table 3 (Asbestos).** Sampling was suspended between November 28th and December 2nd, 2019 at the following locations due to on-scene operations: AS003 and AS005.

[1] Analysis also includes tentative identified compounds (TICs).

Table 1: Summary of Analytical Sampling Stations – Volatile Organic Compounds

Location	Sample Station Start Date	Sample Station Stop Date	No. of Samples Collected†	No. of Results Received*
AS001	Nov 27, 2019	Nov 27, 2019	1	1
AS002	Nov 27, 2019	Dec 10, 2019	14	12
AS003	Nov 27, 2019	On-Going	11	8
AS004	Nov 27, 2019	Dec 10, 2019	14	12
AS005	Nov 27, 2019	On-Going	11	8
AS006	Nov 27, 2019	Dec 10, 2019	14	12
AS007	Nov 27, 2019	Dec 10, 2019	14	12
AS008	Nov 27, 2019	Dec 10, 2019	14	12
AS009	Nov 27, 2019	Dec 11, 2019	15	12
AS010	Nov 27, 2019	Dec 01, 2019	5	4
AS011	Nov 27, 2019	Dec 10, 2019	14	11
AS012	Nov 27, 2019	Dec 10, 2019	14	11
AS013	Nov 27, 2019	Dec 11, 2019	14	9
AS014	Nov 27, 2019	Dec 01, 2019	5	4
AS015	Nov 27, 2019	Dec 02, 2019	5	4
AS016	Nov 28, 2019	Dec 01, 2019	5	4
AS017	Nov 28, 2019	Dec 01, 2019	4	3
AS018	Nov 28, 2019	Dec 01, 2019	4	3
AS019	Nov 28, 2019	Dec 11, 2019	14	10
AS020	Nov 28, 2019	Dec 10, 2019	13	11
AS021	Nov 28, 2019	Dec 10, 2019	13	11
AS022	Nov 28, 2019	Dec 10, 2019	13	11
AS023	Nov 30, 2019	Dec 10, 2019	12	10
AS024	Nov 30, 2019	Dec 10, 2019	12	10
AS025	Nov 30, 2019	Dec 10, 2019	11	9
AS026	Dec 02, 2019	Dec 10, 2019	9	7
AS027	Dec 02, 2019	Dec 10, 2019	9	7
AS028	Dec 02, 2019	On-Going	10	7
AS029	Dec 02, 2019	On-Going	10	7
AS030-1	Dec 03, 2019	Dec 08, 2019	2	1
AS030-2	Dec 03, 2019	Dec 08, 2019	2	1
AS030-3	Dec 03, 2019	Dec 08, 2019	2	1
AS030-4	Dec 03, 2019	Dec 10, 2019	8	6
AS030-5	Dec 03, 2019	Dec 10, 2019	8	5
AS031-1	Dec 03, 2019	Dec 08, 2019	2	1
AS031-2	Dec 03, 2019	Dec 10, 2019	8	6
AS031-3	Dec 03, 2019	Dec 08, 2019	2	1

Location	Sample Station Start Date	Sample Station Stop Date	No. of Samples Collected†	No. of Results Received*
AS032-1	Dec 03, 2019	Dec 08, 2019	2	1
AS032-2	Dec 03, 2019	Dec 10, 2019	8	6
AS037-1	Dec 08, 2019	Dec 08, 2019	1	0
AS037-2	Dec 08, 2019	Dec 08, 2019	1	0
AS037-3	Dec 08, 2019	Dec 08, 2019	1	0
AS038	Dec 11, 2019	On-Going	1	0
AS039	Dec 11, 2019	On-Going	1	0
AS040	Dec 11, 2019	On-Going	1	0
AS041	Dec 11, 2019	On-Going	1	0
AS042	Dec 11, 2019	On-Going	1	0
AS043	Dec 11, 2019	On-Going	1	0
AS044	Dec 11, 2019	On-Going	1	0
AS045	Dec 11, 2019	On-Going	1	0
AS046	Dec 11, 2019	On-Going	1	0
AS047	Dec 11, 2019	On-Going	1	0
AS048	Dec 11, 2019	On-Going	1	0
Total Numbers			362	271

*References counts of either Level II or Level IV validated results as received on the date of publication.
†Discrepancies between number of samples collected and results received are due to pending data validation process.

Table 2: Summary of Analytical Sampling Stations – Polycyclic Aromatic Hydrocarbons (PAHs)

Location	Sample Station Start Date	Sample Station Stop Date	No. of Samples Collected†	No. of Results Received*
AS002	Dec 01, 2019	Dec 10, 2019	20	2
AS003	Dec 02, 2019	Dec 10, 2019	19	0
AS004	Nov 30, 2019	Dec 10, 2019	21	3
AS005	Dec 02, 2019	Dec 10, 2019	18	0
AS006	Nov 30, 2019	Dec 10, 2019	23	3
AS007	Nov 30, 2019	Dec 10, 2019	22	4
AS008	Nov 30, 2019	Dec 10, 2019	22	4
AS009	Nov 30, 2019	Dec 10, 2019	24	6
AS010	Dec 01, 2019	Dec 01, 2019	1	1
AS011	Nov 30, 2019	Dec 10, 2019	23	4
AS012	Nov 30, 2019	Dec 10, 2019	22	4
AS013	Dec 01, 2019	Dec 10, 2019	20	2
AS014	Dec 01, 2019	Dec 01, 2019	1	1
AS015	Dec 01, 2019	Dec 01, 2019	1	0
AS016	Dec 01, 2019	Dec 01, 2019	1	1
AS017	Dec 01, 2019	Dec 01, 2019	1	1

Location	Sample Station Start Date	Sample Station Stop Date	No. of Samples Collected†	No. of Results Received*
AS018	Dec 01, 2019	Dec 01, 2019	1	0
AS019	Nov 30, 2019	Dec 10, 2019	24	4
AS020	Nov 30, 2019	Dec 10, 2019	24	4
AS021	Nov 30, 2019	Dec 10, 2019	23	5
AS022	Nov 30, 2019	Dec 10, 2019	21	3
AS023	Nov 30, 2019	Dec 10, 2019	23	3
AS024	Nov 30, 2019	Dec 10, 2019	23	4
AS025	Nov 30, 2019	Dec 10, 2019	23	3
AS026	Dec 01, 2019	Dec 10, 2019	22	2
AS027	Dec 02, 2019	Dec 10, 2019	20	0
AS028	Dec 02, 2019	Dec 10, 2019	20	0
AS029	Dec 02, 2019	Dec 10, 2019	18	0
Total Numbers			481	64

*References counts of results as received on the date of publication.
†Discrepancies between number of samples collected and results received are due to pending data validation process.

Table 3: Summary of Analytical Sampling Stations – Integrated Asbestos Air Sampling

Location	Sample Station Start Date	Sample Station Stop Date	No. of Samples Collected†	No. of Results Received*
AS002	Nov 29, 2019	Dec 11, 2019	27	21
AS003	Dec 03, 2019	On-Going	22	13
AS004	Nov 29, 2019	Dec 11, 2019	23	17
AS005	Dec 03, 2019	On-Going	18	11
AS006	Nov 28, 2019	Dec 11, 2019	25	19
AS007	Nov 28, 2019	Dec 11, 2019	26	20
AS008	Nov 28, 2019	Dec 11, 2019	27	20
AS009	Nov 28, 2019	Dec 11, 2019	27	21
AS010	Nov 28, 2019	Dec 02, 2019	7	7
AS011	Nov 28, 2019	Dec 11, 2019	25	20
AS012	Nov 28, 2019	Dec 11, 2019	26	20
AS013	Nov 28, 2019	Dec 11, 2019	26	20
AS014	Nov 28, 2019	Dec 02, 2019	8	8
AS015	Nov 28, 2019	Dec 02, 2019	7	7
AS016	Nov 28, 2019	Dec 02, 2019	7	7
AS017	Nov 28, 2019	Dec 02, 2019	6	6
AS018	Nov 28, 2019	Dec 02, 2019	7	7
AS019	Nov 28, 2019	Dec 11, 2019	27	20
AS020	Nov 29, 2019	Dec 11, 2019	25	19
AS021	Nov 29, 2019	Dec 11, 2019	24	18

Location	Sample Station Start Date	Sample Station Stop Date	No. of Samples Collected†	No. of Results Received*
AS022	Nov 29, 2019	Dec 11, 2019	23	17
AS023	Nov 30, 2019	Dec 11, 2019	22	16
AS024	Nov 30, 2019	Dec 11, 2019	22	17
AS025	Dec 01, 2019	Dec 11, 2019	20	14
AS026	Dec 01, 2019	Dec 11, 2019	21	15
AS027	Dec 03, 2019	Dec 11, 2019	19	12
AS028	Dec 03, 2019	On-Going	20	12
AS029	Dec 02, 2019	On-Going	21	12
AS033	Dec 05, 2019	Dec 11, 2019	9	4
AS034	Dec 05, 2019	Dec 11, 2019	11	5
AS035	Dec 05, 2019	Dec 11, 2019	11	4
AS036	Dec 05, 2019	Dec 11, 2019	10	4
AS038	Dec 11, 2019	On-Going	2	0
AS039	Dec 11, 2019	On-Going	2	0
AS040	Dec 11, 2019	On-Going	3	0
AS041	Dec 11, 2019	On-Going	1	0
AS042	Dec 11, 2019	On-Going	2	0
AS043	Dec 11, 2019	On-Going	2	0
AS044	Dec 11, 2019	On-Going	2	0
AS045	Dec 11, 2019	On-Going	1	0
AS046	Dec 11, 2019	On-Going	2	0
AS047	Dec 11, 2019	On-Going	1	0
AS048	Dec 11, 2019	On-Going	1	0
Total Numbers			618	433

*References counts of results as received on the date of publication.
†Discrepancies between number of samples collected and results received are due to pending data validation process.

3.0 Air Sampling Results

A summary of VOC detections for the chemicals of interest is provided in **Table 4** and **Table 4b**. A summary of analytical sampling results for PAHs and asbestos are provided in **Table 5** and **Table 6**, respectively. A table of all analytical results available to date is provided in **Appendix B, C, and D.**

Table 4: Summary of Outdoor Analytical Air Sample Detections – Volatile Organic Compounds (VOCs)

Analyte	Count of Samples	Count of Detections	Average of Detections	Detection Range
1,2,4-Trimethylbenzene	265	130	0.132 ppbv	0.0601 – 1.98 ppbv
1,3-Butadiene	265	148	20.051 ppbv	0.0603 – 286 ppbv†

Benzene	265	222	0.509 ppbv	0.0728 – 6.16 ppbv
Butane	265	227	9.589 ppbv	0.602 – 263 ppbv
Ethylbenzene	265	123	0.143 ppbv	0.0603 – 2.51 ppbv
MTBE	265	70	1.383 ppbv	0.0645 – 17.5 ppbv
Naphthalene	265	52	0.753 ppbv	0.155 – 10.2 ppbv
M&p-Xylene	265	167	0.321 ppbv	0.0948 – 9.29 ppbv
o-Xylene	265	156	0.153 ppbv	0.0634 – 3.16 ppbv

†To date, two detections of 1,3-Butadiene (1,370 ppbv and 678 ppbv) have been removed and are discussed below.

On the night of December 4th, 2019, a shelter-in-place and voluntary evacuation was enacted by UC for various residential areas southwest of the TPC Group facility. During this 24-hour sampling period, two sample locations resulted in detections of 1,3-butadiene above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb). These locations were AS002 and AS003, which are depicted on the map of analytical sampling locations included in **Attachment A**. Notably, AS003 was located near the barricade at Earle St and Magnolia Ave. These values have been excluded from Table 4 above, however are summarized below in **Table 4a**.

Table 4a: Summary of VOC Detections Above TCEQ 24-hr AMCV

		AS002	AS003
		PNTX1204MC002	PNTX1204MC003
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified
TO-15	1,3-Butadiene	678 ppbv	1,370 ppbv

Six (6) analytical air samples were collected from indoor locations of the following school campuses: Port Neches Middle School, Port Neches Elementary School and Port Neches-Grooves High School. These air samples were analyzed for VOCs and a summary of the results are provided in **Table 4b**.

Table 4b: Summary of Indoor Analytical Air Sample Detections – Volatile Organic Compounds (VOCs)

Analyte	Count of Samples	Count of Detections	Average of Detections	Detection Range
1,2,4-Trimethylbenzene	6	6	0.184 ppbv	0.12 – 0.272 ppbv
1,3-Butadiene	6	6	22.683 ppbv	13.1 – 58.3 ppbv
Benzene	6	6	0.599 ppbv	0.371 – 0.847 ppbv
Butane	6	6	27.083 ppbv	19.3 – 37.6 ppbv
Ethylbenzene	6	6	0.157 ppbv	0.116 – 0.191 ppbv
MTBE	6	6	0.443 ppbv	0.295 – 0.783 ppbv

Naphthalene	6	3	0.276 ppbv	0.218 – 0.382 ppbv
M&p-Xylene	6	6	0.496 ppbv	0.351 – 0.581 ppbv
o-Xylene	6	6	0.194 ppbv	0.141 – 0.217 ppbv

Table 5: Summary of Analytical Sampling Detections – Polycyclic Aromatic Hydrocarbons (PAHs)*

Analyte	Count of Samples	Count of Detections	Detection Range ($\mu g/m^3$)†
Acenaphthene	63	0	< 1.76
Acenaphthylene	63	0	< 1.76
Anthracene	63	0	< 1.76
Benzo(a)anthracene	63	0	< 0.88
Benzo(a)pyrene	63	0	< 0.88
Benzo(b)fluoranthene	63	0	< 0.88
Benzo(e)pyrene	63	0	< 0.88
Benzo(g,h,i)perylene	63	0	< 0.88
Benzo(k)fluoranthene	63	0	< 0.88
Chrysene	63	0	< 0.88
Dibenzo(a,h)anthracene	63	0	< 0.88
Fluoranthene	63	0	< 0.88
Fluorene	63	0	< 1.76
Indeno(1,2,3-c,d)pyrene	63	0	< 0.88
Naphthalene	63	0	< 1.76
Phenanthrene	63	0	< 0.88
Pyrene	63	0	< 0.88

*These data have not undergone complete Level II verification.
†Laboratory non-detections are reported as less than ("<") the laboratory method reporting limit.

Table 6: Summary of Analytical Sampling Detections – Integrated Asbestos Air Sampling*

Analytical Method	Analyte	Count of Lab Results	Count of Detections	Range of Detections
NIOSH 7402 (TEM)	Asbestos Fibers	433	0	< 0.0055 f/cc

*These data have not undergone complete Level II verification.

Attachment A

Preliminary Analytical Data Sampling Locations

ED_004345_00000624-00010

Attachment B

Preliminary VOC Analytical Data Summary

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS001					AS002
		PNTX1127MC001	PNTX1127MC002	PNTX1128MC002	PNTX1129MC002	PNTX1130MC002	PNTX1201MC002
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0513 ppbv	< 0.0514 ppbv	< 0.0513 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.048 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0833 ppbv	< 0.0835 ppbv	< 0.0833 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0937 ppbv	< 0.0937 ppbv	< 0.0937 ppbv	0.0701 ppbv (J)	< 0.0937 ppbv	< 0.0937 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0974 ppbv	< 0.0976 ppbv	< 0.0974 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0599 ppbv	< 0.0601 ppbv	< 0.0599 ppbv	< 0.0601 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	0.0618 ppbv (J)	0.155 ppbv (J)	0.153 ppbv (J)	0.11 ppbv (J)	< 0.0492 ppbv
	1,3-Butadiene	0.124 ppbv (J)	0.88 ppbv	0.515 ppbv (J)	< 0.0553 ppbv	< 0.0552 ppbv	< 0.0553 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0595 ppbv	< 0.0597 ppbv	< 0.0595 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0491 ppbv	< 0.0492 ppbv	< 0.0491 ppbv	< 0.0492 ppbv
	1,4-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0894 ppbv	< 0.0897 ppbv	< 0.0894 ppbv	< 0.0897 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.297 ppbv (J)	0.87 ppbv (J)	0.395 ppbv (J)	1.03 ppbv (J)	0.663 ppbv (J)	0.508 ppbv (J)
	2-Chlorotoluene	< 0.0515 ppbv	< 0.0515 ppbv	< 0.0513 ppbv	< 0.0515 ppbv	< 0.0513 ppbv	< 0.0515 ppbv
	2-Propanol	< 0.0982 ppbv	< 0.0982 ppbv	1.6 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	0.109 ppbv	< 0.0934 ppbv	< 0.0932 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	< 0.0611 ppbv	< 0.0611 ppbv	0.14 ppbv (J)	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	0.39 ppbv (J)	< 0.0615 ppbv	0.121 ppbv (J)	< 0.0615 ppbv
	Acetone	4.16 ppbv	7.68 ppbv	9.65 ppbv	5.72 ppbv	3.97 ppbv	7.13 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.228 ppbv	0.571 ppbv	0.774 ppbv	0.142 ppbv (J)	0.162 ppbv (J)	0.201 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0833 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0736 ppbv	< 0.0738 ppbv	< 0.0736 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0608 ppbv	< 0.0608 ppbv	< 0.0606 ppbv	< 0.0608 ppbv	< 0.0606 ppbv	< 0.0608 ppbv
	Butane	2.46 ppbv	2.57 ppbv	2.73 ppbv	1.45 ppbv	1.31 ppbv	2.61 ppbv
	Carbon disulfide	< 0.0934 ppbv	< 0.0934 ppbv	0.183 ppbv (J)	< 0.0934 ppbv	< 0.0931 ppbv	0.197 ppbv (J)
	Carbon tetrachloride	0.0671 ppbv (J)	0.0715 ppbv (J)	0.0739 ppbv (J)	0.0835 ppbv (J)	0.0806 ppbv (J)	0.0625 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.503 ppbv	0.617 ppbv	0.725 ppbv	0.704 ppbv	0.623 ppbv	0.674 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv
	Cyclohexane	0.175 ppbv (J)	0.137 ppbv (J)	0.0987 ppbv (J)	0.107 ppbv (J)	0.101 ppbv (J)	0.151 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.441 ppbv	0.442 ppbv	0.471 ppbv	0.5 ppbv	0.469 ppbv	0.499 ppbv
	Ethanol	6.55 ppbv	3.51 ppbv	10.8 ppbv	4.47 ppbv	4.9 ppbv	5.97 ppbv
	Ethylbenzene	< 0.0865 ppbv	< 0.0865 ppbv	0.133 ppbv (J)	< 0.0865 ppbv	0.0948 ppbv (J)	< 0.0865 ppbv
	Heptane	0.166 ppbv (J)	0.0775 ppbv (J)	0.221 ppbv	0.0807 ppbv (J)	0.0877 ppbv (J)	0.151 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	< 0.0846 ppbv	< 0.0846 ppbv	0.411 ppbv	0.13 ppbv (J)	0.324 ppbv (J)	< 0.0846 ppbv
	Methyl Butyl Ketone	< 0.0982 ppbv	0.0909 ppbv (J)	0.0983 ppbv (J)	0.112 ppbv (J)	< 0.0982 ppbv	0.13 ppbv (J)
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.125 ppbv (J)	0.13 ppbv (J)	0.138 ppbv (J)	1.1 ppbv	0.805 ppbv	0.163 ppbv (J)
	MTBE	< 0.0905 ppbv	0.732 ppbv	0.14 ppbv (J)	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.37 ppbv	0.316 ppbv	0.499 ppbv	0.258 ppbv	0.241 ppbv	0.356 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	< 0.0865 ppbv	< 0.0865 ppbv	0.166 ppbv (J)	0.0802 ppbv (J)	0.129 ppbv (J)	< 0.0865 ppbv
	Pentane	1.55 ppbv	0.737 ppbv	1.3 ppbv	0.56 ppbv	0.718 ppbv	1.05 ppbv
	Propene	< 0.0932 ppbv	3.78 ppbv	8.77 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	0.0643 ppbv (J)	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	0.0654 ppbv (J)	0.077 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.233 ppbv	0.804 ppbv	1.02 ppbv	0.483 ppbv	0.37 ppbv	0.479 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.206 ppbv	0.203 ppbv	0.246 ppbv	0.238 ppbv	0.225 ppbv	0.188 ppbv (J)
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0487 ppbv	< 0.0487 ppbv	< 0.0487 ppbv	< 0.0487 ppbv	< 0.0487 ppbv	< 0.0487 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

Analytical Method	Analyte	AS002 PNTX1202MC002 Level 2 Verified	PNTX1203MC002 Level 2 Verified	PNTX1204MC002 Level 2 Verified	PNTX1205MC002 Level 2 Verified	PNTX1206MC002 Level 2 Verified	PNTX1207MC002 Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 (J) ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 (J) ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0838 ppbv (J)	< 0.0837 ppbv	0.0708 ppbv (J)	< 0.0837 ppbv	0.0705 ppbv (J)	0.0727 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 (J) ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 (J) ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 (J) ppbv	< 0.0603 ppbv	< 0.0603 (J) ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.102 ppbv (J)	0.28 ppbv	0.156 ppbv (J)	0.0701 ppbv (J)	< 0.0985 (J) ppbv	0.0906 ppbv (J)
	1,3-Butadiene	44.4 ppbv	9.2 ppbv	678 ppbv	1.33 ppbv (J)	3.53 ppbv	1.38 ppbv (J)
	1,3-Dichlorobenzene	< 0.0897 (J) ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 (J) ppbv	< 0.0897 ppbv	< 0.0897 (J) ppbv
	1,3,5-Trimethylbenzene	< 0.0981 ppbv	0.0734 ppbv (J)	< 0.0981 ppbv	< 0.0981 ppbv	< 0.0981 ppbv	< 0.0981 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	0.0612 ppbv (J)
	2-Butanone (MEK)	0.404 ppbv (J)	0.782 ppbv (J)	0.354 ppbv (J)	0.864 ppbv (J)	0.381 ppbv (J)	0.499 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 (J) ppbv	< 0.0965 ppbv
	2-Propanol	0.447 ppbv (J)	0.871 ppbv (J)	1.06 ppbv (J)	< 0.0992 ppbv	< 0.0992 ppbv	< 0.0992 ppbv
	2,2,4-Trimethylpentane	0.0948 ppbv (J)	0.161 ppbv (J)	0.0876 ppbv (J)	< 0.0955 (J) ppbv	< 0.0955 ppbv	0.117 ppbv (J)
	4-Ethyltoluene	< 0.0866 ppbv	< 0.0866 ppbv	0.105 ppbv (J)	< 0.0866 ppbv	< 0.0866 (J) ppbv	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	0.0741 ppbv (J)	0.106 ppbv (J)	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 (J) ppbv	< 0.0831 ppbv
	Acetone	< 9.67 ppbv	7.25 ppbv	9.42 ppbv	10.6 ppbv	7.52 ppbv	8.05 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv
	Benzene	0.75 ppbv	0.75 ppbv	1.7 ppbv	0.37 ppbv	0.578 (J) ppbv	0.246 ppbv
	Benzyl Chloride	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 (J) ppbv	< 0.0969 ppbv
	Butane	1.9 ppbv	38.8 ppbv	157 ppbv	5.23 ppbv	7.93 ppbv	4.65 ppbv
	Carbon disulfide	0.096 ppbv (J)	< 0.0944 ppbv	0.685 ppbv	0.214 ppbv	< 0.0944 ppbv	< 0.0944 (J) ppbv
	Carbon tetrachloride	0.0763 ppbv (J)	0.0651 ppbv (J)	0.0775 ppbv (J)	0.0719 ppbv (J)	0.0883 ppbv (J)	0.0739 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	0.773 ppbv	< 0.0978 ppbv
	Chloromethane	0.633 (J) ppbv	0.642 ppbv	0.725 ppbv	0.614 ppbv	0.749 ppbv	0.574 (J) ppbv
	cis-1,2-Dichloroethene	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	cis-1,3-Dichloropropene	< 0.0966 (J) ppbv	< 0.0966 ppbv	< 0.0966 (J) ppbv	< 0.0966 (J) ppbv	< 0.0966 ppbv	< 0.0966 (J) ppbv
	Cyclohexane	0.55 ppbv	0.277 ppbv	0.808 ppbv	< 0.0861 ppbv	0.161 ppbv (J)	0.217 ppbv
	Dibromochloromethane	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	Dichlorodifluoromethane	0.561 ppbv	0.564 ppbv	0.925 ppbv	0.457 ppbv	0.548 ppbv	0.427 ppbv
	Ethanol	3.91 ppbv (J)	5.44 ppbv	5.04 ppbv	6.6 ppbv	5.61 ppbv	4.93 ppbv
	Ethylbenzene	0.137 ppbv (J)	0.28 ppbv	0.285 ppbv	0.0607 ppbv (J)	< 0.0926 (J) ppbv	0.0765 ppbv (J)
	Heptane	0.245 ppbv	0.835 ppbv	0.46 ppbv	0.138 ppbv (J)	0.171 ppbv (J)	0.165 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 (J) ppbv	< 0.0955 ppbv	< 0.0955 (J) ppbv	< 0.0955 (J) ppbv	< 0.0955 ppbv	< 0.0955 (J) ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.302 ppbv (J)	0.782 ppbv	0.48 ppbv	0.178 ppbv (J)	0.136 ppbv (J)	0.214 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	0.0751 ppbv (J)	0.106 ppbv (J)	0.0764 ppbv (J)	< 0.0982 ppbv	0.073 ppbv (J)
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.196 ppbv (J)	0.268 ppbv	< 0.0968 ppbv	0.191 ppbv (J)	0.171 ppbv (J)	0.138 ppbv (J)
	MTBE	0.16 ppbv (J)	0.89 ppbv	0.923 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	2.11 ppbv
	n-Hexane	0.565 ppbv	0.896 ppbv	1.03 ppbv	0.294 ppbv	0.6 ppbv	0.424 ppbv
	Naphthalene	< 0.158 ppbv	1.04 ppbv	0.308 ppbv (J)	0.191 ppbv (J)	0.162 ppbv (J)	< 0.158 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.123 ppbv (J)	0.302 ppbv	0.18 ppbv (J)	0.0711 ppbv (J)	< 0.0922 ppbv	0.0977 ppbv (J)
	Pentane	2.39 ppbv	2.67 ppbv	4.28 ppbv	0.7 ppbv	1.28 ppbv	1 ppbv
	Propene	5.69 (J) ppbv	< 0.0932 ppbv	17.6 ppbv	< 0.0932 ppbv	< 0.0932 (J) ppbv	16 ppbv
	Styrene	0.177 ppbv (J)	0.228 ppbv	0.199 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 (J) ppbv	< 0.0697 ppbv	< 0.0697 ppbv	0.0693 ppbv (J)	< 0.0697 ppbv	< 0.0697 (J) ppbv
	Tetrahydrofuran	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv
	Toluene	0.616 ppbv	1.3 ppbv	0.921 ppbv	0.75 ppbv	0.423 ppbv	0.406 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 (J) ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.245 ppbv	0.263 ppbv	0.361 ppbv	0.219 ppbv	0.265 ppbv	0.206 ppbv
	Vinyl acetate	< 0.0939 (J) ppbv	< 0.0939 ppbv	< 0.0939 (J) ppbv	< 0.0939 (J) ppbv	< 0.0939 ppbv	< 0.0939 (J) ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

					AS003		
		PNTX1127MC003	PNTX1202MC003	PNTX1203MC003	PNTX1204MC003	PNTX1205MC003	PNTX1206MC003
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0749 ppbv (J)	0.0815 ppbv (J)	0.0738 ppbv (J)	< 0.0697 ppbv	< 0.0697 ppbv	0.0835 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	0.074 ppbv	0.16 ppbv (J)	0.141 ppbv (J)	< 0.0492 ppbv	0.0624 ppbv (J)
	1,3-Butadiene	< 17 ppbv	1.2 ppbv	34.1 ppbv	1.77 ppbv	2.42 ppbv	0.218 ppbv (J)
	1,3-Dichlorobenzene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,3,5-Trimethylbenzene	< 0.0492 ppbv	0.078 ppbv (J)	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.274 ppbv (J)	1.44 ppbv	0.592 ppbv (J)	0.854 ppbv (J)	1.08 ppbv (J)	1.16 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0982 ppbv	1.54 ppbv	0.62 ppbv (J)	1.03 ppbv (J)	< 0.0982 ppbv	0.667 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	0.0951 ppbv (J)	0.147 ppbv (J)	0.0841 ppbv (J)	< 0.0934 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	< 0.0605 ppbv	0.211 ppbv	0.163 ppbv (J)	0.13 ppbv (J)	< 0.0605 ppbv	< 0.0605 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0985 ppbv	1.06 ppbv (J)	< 0.0985 ppbv	0.109 ppbv (J)	< 0.0985 ppbv	< 0.0985 ppbv
	Acetone	4.97 ppbv	12.1 ppbv	5.5 ppbv	6.28 ppbv	1.22 ppbv	6.56 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.245 ppbv	0.931 ppbv	0.77 ppbv	2.2 ppbv	0.505 ppbv	0.27 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	< 66 ppbv	31.6 ppbv	36.1 ppbv	26.1 ppbv	9.25 ppbv	6.21 ppbv
	Carbon disulfide	< 0.0564 ppbv	0.184 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	0.0665 ppbv (J)
	Carbon tetrachloride	0.0728 ppbv (J)	0.0776 ppbv (J)	0.0861 ppbv (J)	0.0883 ppbv (J)	0.0747 ppbv (J)	0.0786 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.513 ppbv	0.788 ppbv	0.792 ppbv	0.756 ppbv	0.73 ppbv	0.644 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv
	Cyclohexane	0.0983 ppbv (J)	< 0.241 ppbv	0.207 ppbv	0.493 ppbv	< 0.0554 ppbv	0.187 ppbv (J)
	Dibromochloromethane	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv
	Dichlorodifluoromethane	0.447 ppbv	0.513 ppbv	0.503 ppbv	0.52 ppbv	0.472 ppbv	0.506 ppbv
	Ethanol	11.45 ppbv	22.6 ppbv (J)	4.2 ppbv	3.73 ppbv	1.18 ppbv	0.25 ppbv
	Ethylbenzene	< 0.0826 ppbv	0.234 ppbv	0.233 ppbv	0.116 ppbv	< 0.0826 ppbv	< 0.0826 ppbv
	Heptane	< 0.0819 ppbv	0.898 ppbv	0.565 ppbv	0.778 ppbv	0.0994 ppbv (J)	0.199 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	< 0.0846 ppbv	0.788 ppbv	0.657 ppbv	0.468 ppbv	0.114 ppbv (J)	0.153 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	0.577 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	0.117 ppbv (J)	< 0.0982 ppbv
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.133 ppbv (J)	0.266 ppbv	0.229 ppbv	0.756 ppbv	0.249 ppbv	0.192 ppbv (J)
	MTBE	< 0.416 ppbv	0.138 ppbv (J)	0.947 ppbv	1.51 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.207 ppbv	1.14 ppbv	0.874 ppbv	1.04 ppbv	< 0.861 ppbv	0.55 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	1.78 ppbv	0.224 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	< 0.0769 ppbv	0.318 ppbv	0.242 ppbv	0.193 ppbv (J)	< 0.0769 ppbv	0.0762 ppbv (J)
	Pentane	0.0881 ppbv	1.18 ppbv	0.611 ppbv	5.94 ppbv	1.59 ppbv	0.4 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	6.5 ppbv	14.4 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	0.207 ppbv	0.183 ppbv (J)	0.281 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	0.431 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	0.213 ppbv	2.03 ppbv	1.13 ppbv	1.5 ppbv	0.322 ppbv	0.464 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.268 ppbv	0.268 ppbv	0.26 ppbv	0.276 ppbv	0.223 ppbv	0.266 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS003					AS004
		PNTX1207MC003	PNTX1127MC004	PNTX1128MC004	PNTX1129MC004	PNTX1130MC004	PNTX1201MC004
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0637 ppbv	0.0789 ppbv (J)	< 0.0637 ppbv	0.0712 ppbv (J)	< 0.0637 ppbv	< 0.0637 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	0.0749 ppbv (J)	0.143 ppbv (J)	< 0.0492 ppbv	0.0847 ppbv (J)	0.0812 ppbv (J)
	1,3-Butadiene	43 ppbv	1.96 ppbv (J)	2.7 ppbv	< 0.0538 ppbv	< 0.0538 ppbv	< 0.0538 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.509 ppbv (J)	0.423 ppbv (J)	2 ppbv	0.564 ppbv (J)	0.286 ppbv (J)	0.553 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0982 ppbv	0.355 ppbv (J)	1.07 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	0.139 ppbv (J)	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	< 0.0666 ppbv	< 0.0666 ppbv	0.115 ppbv (J)	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	0.148 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv	0.0845 ppbv (J)
	Acetone	4.64 ppbv	4.85 ppbv	34.2 ppbv	7.26 ppbv	3.51 ppbv	7.62 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.187 ppbv	0.161 ppbv	1.18 ppbv	0.187 ppbv (J)	0.131 ppbv (J)	0.266 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	0.167 ppbv (J)	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	1.91 ppbv	2.27 ppbv	4.55 ppbv	1.36 ppbv	2.24 ppbv	2.69 ppbv
	Carbon disulfide	< 0.0564 ppbv	0.102 ppbv (J)	2.32 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	0.126 ppbv (J)
	Carbon tetrachloride	0.0694 ppbv (J)	0.0864 ppbv (J)	0.079 ppbv (J)	0.0766 ppbv (J)	0.0781 ppbv (J)	0.0687 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.563 ppbv	0.648 ppbv	0.949 ppbv	0.634 ppbv	0.623 ppbv	0.571 ppbv
	cis-1,2-Dichloroethene	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv
	cis-1,3-Dichloropropene	< 0.0556 ppbv	< 0.0556 ppbv	< 0.0556 ppbv	< 0.0556 ppbv	< 0.0556 ppbv	< 0.0556 ppbv
	Cyclohexane	0.264 ppbv	0.0856 ppbv (J)	0.11 ppbv (J)	0.0691 ppbv (J)	0.105 ppbv (J)	0.158 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.446 ppbv	0.528 ppbv	0.456 ppbv	0.48 ppbv	0.448 ppbv	0.414 ppbv
	Ethanol	8.22 ppbv	7.42 ppbv	17 ppbv	7.55 ppbv	5.01 ppbv	14.4 ppbv
	Ethylbenzene	< 0.0865 ppbv	< 0.0865 ppbv	0.0852 ppbv (J)	< 0.0865 ppbv	0.112 ppbv (J)	< 0.0865 ppbv
	Heptane	0.245 ppbv	0.112 ppbv (J)	0.193 ppbv (J)	0.097 ppbv (J)	0.0926 ppbv (J)	0.166 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	0.0757 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.142 ppbv (J)	0.134 ppbv (J)	0.22 ppbv (J)	0.102 ppbv (J)	0.235 ppbv (J)	0.155 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	0.218 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0775 ppbv	< 0.0775 ppbv	< 0.0775 ppbv	< 0.0775 ppbv	< 0.0775 ppbv	< 0.0775 ppbv
	Methylene Chloride	0.118 ppbv (J)	0.14 ppbv (J)	0.318 ppbv	0.48 ppbv	2.55 ppbv	1.61 ppbv
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	0.155 ppbv (J)	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.652 ppbv	0.275 ppbv	0.506 ppbv	0.228 ppbv	5.69 ppbv	0.326 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	< 0.0865 ppbv	< 0.0865 ppbv	0.104 ppbv (J)	< 0.0865 ppbv	0.11 ppbv (J)	0.0703 ppbv (J)
	Pentane	1.34 ppbv	0.535 ppbv	1.38 ppbv	0.475 ppbv	0.708 ppbv	1.34 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	7.2 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0865 ppbv	0.0685 ppbv (J)	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.443 ppbv	0.307 ppbv	1.33 ppbv	0.215 ppbv	0.283 ppbv	0.317 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.167 ppbv (J)	0.291 ppbv (J)	0.212 ppbv	0.208 ppbv	0.211 ppbv	0.183 ppbv (J)
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

Analytical Method	Analyte	AS004 PNTX1202MC004 Level 2 Verified	PNTX1203MC004 Level 2 Verified	PNTX1204MC004 Level 2 Verified	PNTX1205MC004 Level 2 Verified	PNTX1206MC004 Level 2 Verified	PNTX1207MC004 Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0767 ppbv	< 0.0767 ppbv	0.0768 ppbv (J)	< 0.0767 ppbv	0.0743 ppbv (J)	< 0.0767 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.159 ppbv (J)	0.124 ppbv (J)	0.121 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	1,3-Butadiene	< 9 ppbv	33.8 ppbv	286 ppbv	5.84 ppbv	< 0.0692 ppbv	16.6 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.18 ppbv (J)	0.456 ppbv (J)	0.775 ppbv (J)	0.454 ppbv (J)	1.12 ppbv (J)	0.46 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	< 29 ppbv	3.38 ppbv	21.6 ppbv	< 0.0892 ppbv	0.649 ppbv (J)	< 0.0892 ppbv
	2,2,4-Trimethylpentane	0.0771 ppbv (J)	0.123 ppbv (J)	0.101 ppbv (J)	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	4-Ethyltoluene	0.141 ppbv (J)	0.117 ppbv (J)	0.115 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	0.249 ppbv (J)	< 0.155 ppbv	0.0782 ppbv (J)	< 0.0661 ppbv	0.0723 ppbv (J)	< 0.0661 ppbv
	Acetone	<4.6 ppbv	8.48 ppbv	9.00 ppbv	4.9 ppbv	< 0.0 ppbv	7.61 ppbv
	Acetonitrile	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.468 ppbv	0.456 ppbv	1.17 ppbv	0.291 ppbv	0.446 ppbv	0.235 ppbv
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	17.1 ppbv	55.5 ppbv	74.6 ppbv	5.38 ppbv	8.93 ppbv	7.69 ppbv
	Carbon disulfide	0.534 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv
	Carbon tetrachloride	0.0747 ppbv (J)	0.0708 ppbv (J)	0.0781 ppbv (J)	0.0715 ppbv (J)	0.0801 ppbv (J)	0.0672 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.713 ppbv	0.642 ppbv	0.775 ppbv	0.676 ppbv	0.743 ppbv	0.559 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Cyclohexane	0.583 ppbv	0.185 ppbv (J)	0.229 ppbv	< 0.0857 ppbv	0.227 ppbv	0.189 ppbv (J)
	Dibromochloromethane	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv
	Dichlorodifluoromethane	0.492 ppbv	0.488 ppbv	0.551 ppbv	0.477 ppbv	0.554 ppbv	0.49 ppbv
	Ethanol	22.3 ppbv	18 ppbv	32.6 ppbv	3.13 ppbv	13.3 ppbv	3.21 ppbv
	Ethylbenzene	0.14 ppbv (J)	0.152 ppbv (J)	0.176 ppbv (J)	< 0.0955 ppbv	< 0.0955 ppbv	0.0635 ppbv (J)
	Heptane	0.214 ppbv	0.24 ppbv	0.273 ppbv	0.0806 ppbv (J)	0.25 ppbv	0.148 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.358 ppbv (J)	0.431 ppbv	0.426 ppbv	0.141 ppbv (J)	0.134 ppbv (J)	0.135 ppbv (J)
	Methyl Butyl Ketone	0.572 ppbv (J)	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	0.0891 ppbv (J)	< 0.0932 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.236 ppbv	1.78 ppbv	0.528 ppbv	0.154 ppbv (J)	0.347 ppbv	0.115 ppbv (J)
	MTBE	< 0.07 ppbv	0.0986 ppbv (J)	< 0.07 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.883 ppbv	0.751 ppbv	0.882 ppbv	0.282 ppbv	0.692 ppbv	0.477 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	0.214 ppbv (J)	0.183 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.125 ppbv	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv
	o-Xylene	0.154 ppbv (J)	0.167 ppbv (J)	0.171 ppbv (J)	< 0.0835 ppbv	0.0635 ppbv (J)	< 0.0835 ppbv
	Pentane	2.83 ppbv	1.45 ppbv	5.08 ppbv	4.38 ppbv	5.01 ppbv	2.73 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	0.128 ppbv (J)	0.158 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0897 ppbv	< 0.0897 ppbv	5.55 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	2.15 ppbv	3.37 ppbv	0.953 ppbv	0.488 ppbv	0.51 ppbv	0.511 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	0.425 ppbv	< 0.122 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	< 0.216 ppbv	0.238 ppbv	0.273 ppbv	0.202 ppbv	0.272 ppbv	0.184 ppbv (J)
	Vinyl acetate	< 0.0659 ppbv	< 0.0659 ppbv	< 0.0659 ppbv	< 0.0659 ppbv	< 0.0659 ppbv	< 0.0659 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

					AS005		
		PNTX1127MC005	PNTX1202MC005	PNTX1203MC005	PNTX1204MC005	PNTX1205MC005	PNTX1206MC005
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0852 ppbv (J)	0.0696 ppbv (J)	< 0.0937 ppbv	< 0.0937 ppbv	0.0696 ppbv (J)	< 0.0937 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv	< 0.0601 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0758 ppbv (J)	0.183 ppbv (J)	0.208 ppbv	0.158 ppbv (J)	< 0.0985 ppbv	< 0.0983 ppbv
	1,3-Butadiene	1.04 ppbv (J)	2.13 ppbv	1.1 ppbv	1.34 ppbv	0.867 ppbv (J)	< 0.0963 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	0.0912 ppbv (J)	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv
	2-Butanone (MEK)	1.24 ppbv (J)	2.31 ppbv	1.05 ppbv (J)	1.07 ppbv (J)	0.656 ppbv (J)	1.19 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	0.624 ppbv (J)	2.05 ppbv	2.02 ppbv	0.618 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv
	2,2,4-Trimethylpentane	< 0.0956 ppbv	0.0699 ppbv (J)	0.124 ppbv (J)	0.0768 ppbv (J)	< 0.0955 ppbv	< 0.0955 ppbv
	4-Ethyltoluene	< 0.0866 ppbv	< 0.0866 ppbv	0.229 ppbv	0.0785 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	0.185 ppbv (J)	1.2 ppbv (J)	0.143 ppbv (J)	0.158 ppbv (J)	< 0.164 ppbv	< 0.164 ppbv
	Acetone	14.9 ppbv	33.5 ppbv	9.04 ppbv	8.78 ppbv	10 ppbv	7.44 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv
	Benzene	0.272 ppbv	0.547 ppbv	0.372 ppbv	1.06 ppbv	0.422 ppbv	0.32 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	2.79 ppbv	14.4 ppbv	26.4 ppbv	50.8 ppbv	9.49 ppbv	6.65 ppbv
	Carbon disulfide	0.157 ppbv (J)	0.261 ppbv	< 0.0944 ppbv	0.133 ppbv (J)	< 0.0944 ppbv	< 0.0944 ppbv
	Carbon tetrachloride	0.0782 ppbv (J)	0.0837 ppbv (J)	0.0852 ppbv (J)	0.0843 ppbv (J)	0.0753 ppbv (J)	0.0836 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.651 ppbv	1.32 ppbv	0.976 ppbv	0.784 ppbv	1.03 ppbv	0.899 ppbv
	cis-1,2-Dichloroethene	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	0.0964 ppbv (J)	0.476 ppbv	0.317 ppbv	0.512 ppbv	< 0.0854 ppbv	0.139 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.501 ppbv	0.544 ppbv	0.561 ppbv	0.548 ppbv	0.49 ppbv	0.5 ppbv
	Ethanol	3.13 ppbv	16.9 ppbv (J)	8.74 ppbv	7.38 ppbv	1.95 ppbv	3 ppbv
	Ethylbenzene	0.107 ppbv (J)	0.332 ppbv	0.238 ppbv	0.161 ppbv (J)	< 0.0956 ppbv	< 0.0956 ppbv
	Heptane	0.13 ppbv (J)	0.318 ppbv	0.355 ppbv	0.709 ppbv	0.119 ppbv (J)	0.166 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.285 ppbv (J)	1.0 ppbv	0.761 ppbv	0.374 ppbv (J)	0.178 ppbv (J)	0.125 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	1.59 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.185 ppbv (J)	0.45 ppbv	0.253 ppbv	0.166 ppbv	0.101 ppbv (J)	0.153 ppbv (J)
	MTBE	1.24 ppbv	12.5 ppbv	0.293 ppbv	13.1 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.401 ppbv	0.987 ppbv	0.815 ppbv	0.785 ppbv	0.154 ppbv	0.492 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	0.605 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.0972 ppbv (J)	0.365 ppbv	0.249 ppbv	0.206 ppbv	0.0712 ppbv (J)	< 0.0965 ppbv
	Pentane	1.38 ppbv	2.14 ppbv	0.881 ppbv	3.38 ppbv	0.615 ppbv	1.72 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	5.31 ppbv	6.24 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	0.136 ppbv (J)	0.284 ppbv	0.164 ppbv (J)	0.239 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	0.298 ppbv	0.0745 ppbv (J)	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	1.11 ppbv	3.8 ppbv	1.2 ppbv	0.636 ppbv	0.415 ppbv	0.6 ppbv
	trans-1,2-Dichloroethene	< 0.0864 ppbv	< 0.0864 ppbv	< 0.0864 ppbv	< 0.0864 ppbv	< 0.0864 ppbv	< 0.0864 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	0.0724 ppbv (J)	< 0.174 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.297 ppbv (J)	0.287 ppbv	0.253 ppbv	0.248 ppbv	0.217 ppbv	0.25 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS005					AS006
		PNTX1207MC006	PNTX1127MC006	PNTX1128MC006	PNTX1129MC006	PNTX1130MC006	PNTX1201MC006
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	0.0781 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	0.0692 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	0.101 ppbv (J)	0.0886 ppbv (J)	0.116 ppbv (J)	< 0.0492 ppbv
	1,3-Butadiene	1.84 ppbv (J)	1.05 ppbv (J)	0.442 ppbv (J)	< 0.0553 ppbv	< 0.0553 ppbv	< 0.0553 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.573 ppbv (J)	0.651 ppbv (J)	1.36 ppbv	0.901 ppbv (J)	0.455 ppbv (J)	0.528 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0982 ppbv	0.255 ppbv (J)	1.41 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.711 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	0.0862 ppbv (J)	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	0.0718 ppbv (J)	< 0.0614 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	0.343 ppbv (J)	< 0.0615 ppbv	0.066 ppbv (J)
	Acetone	< 1.64 ppbv	8.75 ppbv	3.04 ppbv	10.8 ppbv	4.4 ppbv	6.48 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	1.75 ppbv (J)	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.281 ppbv	0.327 ppbv	0.506 ppbv	0.28 ppbv	0.161 ppbv (J)	0.226 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	4.62 ppbv	5.35 ppbv	2.41 ppbv	1.2 ppbv	2.94 ppbv	6 ppbv
	Carbon disulfide	< 0.0934 ppbv	< 0.0934 ppbv	1.88 ppbv	0.195 ppbv (J)	< 0.0934 ppbv	0.2 ppbv
	Carbon tetrachloride	0.0698 ppbv (J)	0.0733 ppbv (J)	0.073 ppbv (J)	0.079 ppbv (J)	0.0771 ppbv (J)	0.0804 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0678 ppbv	< 0.0678 ppbv	< 0.0678 ppbv	< 0.0678 ppbv	< 0.0678 ppbv	< 0.0678 ppbv
	Chloromethane	0.571 ppbv	0.654 ppbv	0.844 ppbv	0.72 ppbv	0.663 ppbv	1.07 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Cyclohexane	0.169 ppbv (J)	0.0785 ppbv (J)	0.0525 ppbv (J)	< 0.052 ppbv	0.128 ppbv (J)	0.272 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.462 ppbv	0.588 ppbv	0.471 ppbv	0.491 ppbv	0.505 ppbv	0.492 ppbv
	Ethanol	4.33 ppbv	8.22 ppbv	8.08 ppbv	13.2 ppbv	5.47 ppbv	13.2 ppbv
	Ethylbenzene	0.0608 ppbv (J)	< 0.0575 ppbv	0.0679 ppbv (J)	0.0766 ppbv (J)	0.0645 ppbv (J)	< 0.0575 ppbv
	Heptane	0.134 ppbv (J)	0.0739 ppbv (J)	0.12 ppbv (J)	0.109 ppbv (J)	0.117 ppbv (J)	0.211 ppbv
	Hexachloro-1,3-butadiene	< 0.0651 ppbv	< 0.0651 ppbv	< 0.0651 ppbv	< 0.0651 ppbv	< 0.0651 ppbv	< 0.0651 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.111 ppbv (J)	0.095 ppbv (J)	0.163 ppbv (J)	0.23 ppbv (J)	0.2 ppbv (J)	0.157 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	0.155 ppbv (J)	1.15 ppbv	< 0.0982 ppbv	0.07 ppbv (J)
	Methyl methacrylate	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv	0.337 ppbv	< 0.0779 ppbv	< 0.0779 ppbv
	Methylene Chloride	0.115 ppbv (J)	0.131 ppbv (J)	0.126 ppbv (J)	0.172 ppbv	0.261 ppbv	1.61 ppbv
	MTBE	< 0.0905 ppbv	0.0645 ppbv (J)	0.0887 ppbv (J)	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.33 ppbv	0.371 ppbv	0.295 ppbv	0.532 ppbv	0.59 ppbv	1.04 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	< 0.0869 ppbv	< 0.0869 ppbv	0.0809 ppbv (J)	0.106 ppbv (J)	0.105 ppbv (J)	< 0.0869 ppbv
	Pentane	0.83 ppbv	0.588 ppbv	1.08 ppbv	0.931 ppbv	1.03 ppbv	1.85 ppbv
	Propene	< 0.0932 ppbv	2.67 ppbv	5.79 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	Tetrahydrofuran	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv
	Toluene	0.57 ppbv	0.36 ppbv	0.513 ppbv	0.733 ppbv	0.333 ppbv	0.515 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.161 ppbv (J)	0.275 ppbv (J)	0.221 ppbv	0.231 ppbv	0.23 ppbv	0.232 ppbv
	Vinyl acetate	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS006					
		PNTX1202MC006	PNTX1203MC006	PNTX1204MC006	PNTX1205MC006	PNTX1206MC006	PNTX1207MC006
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0772 ppbv (J)	< 0.0837 ppbv	0.0766 ppbv (J)	< 0.0837 ppbv	0.0737 ppbv (J)	< 0.0837 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0847 ppbv (J)	< 0.0983 ppbv	0.311 ppbv	< 0.0983 ppbv	0.0694 ppbv (J)	< 0.0983 ppbv
	1,3-Butadiene	< 1 ppbv	1.26 ppbv (J)	267 ppbv	0.178 ppbv (J)	< 0.552 ppbv	0.656 ppbv (J)
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	0.161 ppbv (J)	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.837 ppbv (J)	0.419 ppbv (J)	0.822 ppbv (J)	0.863 ppbv (J)	1.08 ppbv	0.98 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	0.769 ppbv (J)	0.434 ppbv (J)	0.715 ppbv (J)	< 0.0992 ppbv	< 0.0992 ppbv	< 0.0992 ppbv
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	0.123 ppbv (J)	< 0.0934 ppbv	< 0.0934 ppbv	0.0846 ppbv (J)
	4-Ethyltoluene	0.0837 ppbv (J)	< 0.0966 ppbv	0.222 ppbv	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0985 ppbv	< 0.0985 ppbv	0.0816 ppbv (J)	< 0.0985 ppbv	< 0.0985 ppbv	< 0.0985 ppbv
	Acetone	2.26 ppbv	1.47 ppbv	1.74 ppbv	1.31 ppbv	8.05 ppbv	4.99 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.482 ppbv	0.295 ppbv	1.28 ppbv	0.272 ppbv	0.564 ppbv	0.346 ppbv
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	15.6 ppbv	2.22 ppbv	57 ppbv	8.56 ppbv	23.5 ppbv	4.6 ppbv
	Carbon disulfide	< 0.0534 ppbv	< 0.0534 ppbv	0.0698 ppbv (J)	< 0.0534 ppbv	< 0.0534 ppbv	< 0.0534 ppbv
	Carbon tetrachloride	< 0.0629 ppbv	0.0798 ppbv (J)	0.0814 ppbv (J)	0.0736 ppbv (J)	0.0811 ppbv (J)	0.0698 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.551 ppbv	0.48 ppbv	0.751 ppbv	0.784 ppbv	0.747 ppbv	0.595 ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv
	Cyclohexane	0.481 ppbv	0.132 ppbv (J)	0.801 ppbv	< 0.687 ppbv	0.282 ppbv	0.201 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.51 ppbv	0.567 ppbv	0.919 ppbv	0.477 ppbv	0.573 ppbv	0.48 ppbv
	Ethanol	6.32 ppbv	4.24 ppbv	12.3 ppbv	4.44 ppbv	6.98 ppbv	8.9 ppbv
	Ethylbenzene	0.119 ppbv (J)	< 0.0978 ppbv	0.213 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Heptane	0.271 ppbv	0.106 ppbv (J)	< 0.84 ppbv	0.0301 ppbv (J)	0.302 ppbv	0.157 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.286 ppbv (J)	0.186 ppbv (J)	0.826 ppbv	0.116 ppbv (J)	0.154 ppbv (J)	0.151 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.192 ppbv (J)	< 0.0982 ppbv
	Methyl methacrylate	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Methylene Chloride	0.563 ppbv	< 0.0869 ppbv	0.18 ppbv (J)	0.112 ppbv	0.194 ppbv (J)	0.108 ppbv (J)
	MTBE	0.0924 ppbv (J)	< 0.0901 ppbv	1.16 ppbv	< 0.0901 ppbv	< 0.0901 ppbv	1.7 ppbv
	n-Hexane	1.12 ppbv	0.211 ppbv	0.774 ppbv	0.284 ppbv	1.15 ppbv	0.352 ppbv
	Naphthalene	< 0.154 ppbv	0.191 ppbv (J)	0.323 ppbv (J)	0.161 ppbv (J)	0.275 ppbv (J)	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	0.134 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.13 ppbv (J)	0.0815 ppbv (J)	0.291 ppbv	< 0.0883 ppbv	0.0776 ppbv (J)	< 0.0883 ppbv
	Pentane	2.36 ppbv	0.361 ppbv	0.881 ppbv	2.15 ppbv	5.03 ppbv	1.25 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	2.16 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	0.451 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	0.149 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0897 ppbv	< 0.0897 ppbv	1.71 ppbv	0.0362 ppbv (J)	< 0.0897 ppbv	< 0.0897 ppbv
	Tetrahydrofuran	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Toluene	0.733 ppbv	0.431 ppbv	1.16 ppbv	0.183 ppbv	0.386 ppbv	0.311 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	1.71 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.216 ppbv	0.244 ppbv	0.273 ppbv	0.231 ppbv	0.294 ppbv	0.192 ppbv (J)
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

Analytical Method	Analyte	PNTX1127MC007	PNTX1128MC007	PNTX1129MC007	PNTX1130MC007	PNTX1201MC007	AS007 PNTX1202MC007
		Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv
	1,2-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	0.0796 ppbv (J)	< 0.0983 ppbv	0.0704 ppbv (J)
	1,3-Butadiene	0.648 ppbv (J)	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	12.6 ppbv
	1,3-Dichlorobenzene	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv
	1,3,5-Trimethylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.262 ppbv (J)	0.653 ppbv (J)	0.361 ppbv (J)	0.449 ppbv (J)	0.403 ppbv (J)	< 0.495 ppbv
	2-Chlorotoluene	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv
	2-Propanol	0.309 ppbv (J)	0.242 ppbv (J)	< 0.492 ppbv	< 0.492 ppbv	< 0.492 ppbv	0.692 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	0.0866 ppbv (J)
	4-Ethyltoluene	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv
	Acetone	5.91 ppbv	5.43 ppbv	4.41 ppbv	5.83 ppbv	7.01 ppbv	< 7 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.104 ppbv	0.186 ppbv (J)	0.112 ppbv (J)	0.209 ppbv	0.645 ppbv	0.624 ppbv
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	< 12 ppbv	11.8 ppbv	9.96 ppbv	9.08 ppbv	9.7 ppbv	< 69 ppbv
	Carbon disulfide	0.0774 ppbv (J)	0.12 ppbv (J)	< 0.0583 ppbv	< 0.0584 ppbv	< 0.583 ppbv	0.486 ppbv
	Carbon tetrachloride	0.0722 ppbv (J)	0.0829 ppbv (J)	0.0773 ppbv (J)	0.0786 ppbv (J)	0.0758 ppbv (J)	0.0698 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv
	Chloromethane	0.636 ppbv	0.688 ppbv	0.63 ppbv	0.638 ppbv	0.682 ppbv	< 0.103 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0886 ppbv	< 0.0886 ppbv	< 0.0886 ppbv	< 0.0886 ppbv	< 0.0886 ppbv	< 0.0886 ppbv
	Cyclohexane	0.0771 ppbv (J)	< 0.0604 ppbv	0.0965 ppbv (J)	0.112 ppbv (J)	< 2 ppbv	0.328 ppbv
	Dibromochloromethane	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv
	Dichlorodifluoromethane	0.441 ppbv	0.462 ppbv	0.494 ppbv	0.499 ppbv	0.507 ppbv	0.462 ppbv
	Ethanol	8.3 ppbv	3.33 ppbv	2.08 ppbv	0.7 ppbv	1.17 ppbv	7.16 ppbv
	Ethylbenzene	< 0.0868 ppbv	< 0.0868 ppbv	< 0.0868 ppbv	< 0.0868 ppbv	< 0.0868 ppbv	0.0875 ppbv (J)
	Heptane	< 0.0826 ppbv	0.0929 ppbv (J)	< 0.0826 ppbv	0.13 ppbv (J)	0.158 ppbv (J)	0.155 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	< 0.0946 ppbv	0.145 ppbv (J)	< 0.0946 ppbv	0.133 ppbv (J)	0.159 ppbv (J)	0.237 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.115 ppbv (J)	0.152 ppbv (J)	0.392 ppbv	0.462 ppbv	2.55 ppbv	0.561 ppbv
	MTBE	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	0.0717 ppbv (J)
	n-Hexane	0.0888 ppbv	0.194 ppbv (J)	0.132 ppbv (J)	0.613 ppbv	0.727 ppbv	0.694 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	0.229 ppbv (J)
	Nonane	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	0.0852 ppbv (J)
	o-Xylene	< 0.0868 ppbv	< 0.0868 ppbv	< 0.0868 ppbv	0.0837 ppbv (J)	0.0662 ppbv (J)	0.0872 ppbv (J)
	Pentane	0.407 ppbv	< 0.344 ppbv	0.307 ppbv	0.993 ppbv	1.83 ppbv	1.21 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	0.985 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.234 ppbv	0.832 ppbv	0.225 ppbv	0.498 ppbv	0.577 ppbv	0.526 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.211 ppbv	0.248 ppbv	0.263 ppbv	0.269 ppbv	0.28 ppbv	0.23 ppbv
	Vinyl acetate	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv	< 0.0709 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS007					AS008
		PNTX1203MC007	PNTX1204MC007	PNTX1205MC007	PNTX1206MC007	PNTX1207MC007	PNTX1127MC008
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	0.0764 ppbv (J)	< 0.0637 ppbv	< 0.0637 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.106 ppbv (J)	0.501 ppbv	< 0.0983 ppbv	0.0814 ppbv (J)	0.112 ppbv (J)	0.0625 ppbv (J)
	1,3-Butadiene	1.39 ppbv (J)	22.6 ppbv	< 0.0983 ppbv	0.906 ppbv (J)	0.676 ppbv (J)	2.79 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	0.117 ppbv (J)	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv
	2-Butanone (MEK)	0.876 ppbv (J)	0.623 ppbv (J)	0.779 ppbv (J)	2.51 ppbv	0.881 ppbv (J)	0.59 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	0.726 ppbv (J)	1.2 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.552 ppbv (J)
	2,2,4-Trimethylpentane	0.148 ppbv (J)	0.236 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	0.135 ppbv (J)	0.215 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	0.0835 ppbv (J)	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	0.0847 ppbv (J)	< 0.0835 ppbv	< 0.0835 ppbv	0.437 ppbv (J)	< 0.0835 ppbv	< 0.0835 ppbv
	Acetone	3.07 ppbv	8.52 ppbv	2.29 ppbv	19.6 ppbv	7.09 ppbv	7.65 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv
	Benzene	0.624 ppbv	0.827 ppbv	0.295 ppbv	0.695 ppbv	0.277 ppbv	0.276 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	14.2 ppbv	8.45 ppbv	3.06 ppbv	29.6 ppbv	9.37 ppbv	7.68 ppbv
	Carbon disulfide	0.184 ppbv (J)	< 0.0944 ppbv	< 0.0944 ppbv	0.31 ppbv	< 0.0944 ppbv	< 0.0944 ppbv
	Carbon tetrachloride	0.0831 ppbv (J)	0.0702 ppbv (J)	0.0775 ppbv (J)	0.0844 ppbv (J)	0.0715 ppbv (J)	< 0.0635 ppbv
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.372 ppbv	0.88 ppbv	0.719 ppbv	0.647 ppbv	0.67 ppbv	0.751 ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	0.238 ppbv	0.217 ppbv	< 0.0854 ppbv	0.172 ppbv (J)	0.206 ppbv	0.0736 ppbv (J)
	Dibromochloromethane	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv
	Dichlorodifluoromethane	0.571 ppbv	0.424 ppbv	0.475 ppbv	0.684 ppbv	0.427 ppbv	0.48 ppbv
	Ethanol	3.08 ppbv	3.48 ppbv	1.07 ppbv	30.5 ppbv	15.8 ppbv	12.3 ppbv
	Ethylbenzene	0.176 ppbv	0.161 ppbv (J)	< 0.0868 ppbv	0.0829 ppbv (J)	0.121 ppbv (J)	< 0.0868 ppbv
	Heptane	0.247 ppbv	0.247 ppbv	0.0854 ppbv (J)	0.281 ppbv	0.158 ppbv (J)	< 0.0952 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.48 ppbv	0.583 ppbv	< 0.0868 ppbv	0.298 ppbv (J)	0.415 ppbv	< 0.0868 ppbv
	Methyl Butyl Ketone	0.48 ppbv (J)	< 0.0852 ppbv	< 0.0852 ppbv	< 0.0852 ppbv	0.101 ppbv (J)	< 0.0852 ppbv
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.825 ppbv	0.582 ppbv	0.161 ppbv (J)	0.135 ppbv	0.353 ppbv	0.166 ppbv (J)
	MTBE	0.104 ppbv (J)	0.248 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.785 ppbv	0.575 ppbv	0.246 ppbv	0.737 ppbv	0.458 ppbv	0.252 ppbv
	Naphthalene	0.554 ppbv (J)	< 0.191 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.256 ppbv	0.247 ppbv	< 0.0868 ppbv	0.119 ppbv (J)	0.154 ppbv (J)	< 0.0868 ppbv
	Pentane	0.8 ppbv	1 ppbv	0.338 ppbv	3.33 ppbv	1.88 ppbv	0.63 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	0.0677 ppbv (J)	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	0.065 ppbv (J)	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	1.46 ppbv	1.03 ppbv	0.293 ppbv	0.838 ppbv	0.53 ppbv	0.316 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.264 ppbv	0.203 ppbv	0.269 ppbv	0.283 ppbv	0.207 ppbv	0.219 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

						AS008	
		PNTX1128MC008	PNTX1129MC008	PNTX1130MC008	PNTX1201MC008	PNTX1202MC008	PNTX1203MC008
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0513 ppbv	< 0.0514 ppbv	< 0.0513 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.048 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0853 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0687 ppbv	0.0748 ppbv (J)	0.0761 ppbv (J)	< 0.0687 ppbv	0.0747 ppbv (J)	0.077 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0875 ppbv	< 0.0876 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0617 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0692 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	0.347 ppbv (J)
	1,2,4-Trimethylbenzene	0.0698 ppbv (J)	< 0.0983 ppbv	0.0624 ppbv (J)	0.0633 ppbv (J)	0.0928 ppbv (J)	< 0.098 ppbv
	1,3-Butadiene	0.369 ppbv (J)	< 0.0552 ppbv	< 0.0552 ppbv	0.0603 ppbv (J)	2.05 ppbv	10.7 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0896 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	0.0684 ppbv (J)
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0553 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	3.83 ppbv	1.05 ppbv (J)	0.232 ppbv (J)	0.439 ppbv (J)	1.17 ppbv (J)	0.809 ppbv (J)
	2-Chlorotoluene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0602 ppbv	< 0.0603 ppbv
	2-Propanol	1.27 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	0.44 ppbv	0.465 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	0.113 ppbv (J)	0.189 ppbv (J)
	4-Ethyltoluene	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	0.0873 ppbv (J)	0.337 ppbv
	4-Methyl-2-pentanone (MIBK)	0.0732 ppbv (J)	< 0.055 ppbv	< 0.055 ppbv	< 0.055 ppbv	0.125 ppbv (J)	< 0.088 ppbv
	Acetone	14.8 ppbv	7.45 ppbv	3.77 ppbv	4.06 ppbv	6.52 ppbv	8.65 ppbv
	Acetonitrile	0.615 ppbv (J)	< 0.138 ppbv	< 0.276 ppbv	< 0.276 ppbv	< 0.276 ppbv	< 0.276 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0545 ppbv	< 0.0546 ppbv
	Benzene	0.603 ppbv	0.138 ppbv (J)	0.173 ppbv (J)	0.222 ppbv	0.451 ppbv	0.68 ppbv
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0735 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	1.87 ppbv	1.45 ppbv	0.77 ppbv	0.87 ppbv	1.91 ppbv	11.8 ppbv
	Carbon disulfide	0.186 ppbv (J)	0.132 ppbv (J)	< 0.0593 ppbv	< 0.0594 ppbv	< 0.0593 ppbv	0.232 ppbv
	Carbon tetrachloride	0.0772 ppbv (J)	0.0831 ppbv (J)	0.0849 ppbv (J)	0.0795 ppbv (J)	0.0748 ppbv (J)	0.0848 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.881 ppbv	0.65 ppbv	0.522 ppbv	0.592 ppbv	0.912 ppbv	1.03 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv
	Cyclohexane	< 0.0574 ppbv	0.095 ppbv (J)	0.142 ppbv (J)	0.187 ppbv (J)	0.675 ppbv	0.2 ppbv
	Dibromochloromethane	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv
	Dichlorodifluoromethane	0.472 ppbv	0.488 ppbv	0.505 ppbv	0.501 ppbv	0.501 ppbv	0.501 ppbv
	Ethanol	38.6 ppbv	5.1 ppbv	9.08 ppbv	10.5 ppbv	18.4 ppbv	8.5 ppbv
	Ethylbenzene	< 0.0868 ppbv	< 0.0868 ppbv	0.0945 ppbv (J)	< 0.0868 ppbv	0.117 ppbv (J)	< 0.087 ppbv
	Heptane	< 0.0816 ppbv	0.0797 ppbv (J)	0.13 ppbv (J)	0.182 ppbv (J)	0.281 ppbv	0.772 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.16 ppbv (J)	0.11 ppbv (J)	0.219 ppbv (J)	0.136 ppbv (J)	0.383 ppbv (J)	0.619 ppbv
	Methyl Butyl Ketone	0.145 ppbv (J)	0.103 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	1.34 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.139 ppbv (J)	0.214 ppbv	0.317 ppbv	0.24 ppbv	1.38 ppbv	0.177 ppbv (J)
	MTBE	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv
	n-Hexane	0.167 ppbv (J)	0.181 ppbv (J)	0.346 ppbv	0.535 ppbv	1.95 ppbv	1.31 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	2.19 ppbv	0.579 ppbv (J)
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.0685 ppbv (J)	< 0.0868 ppbv	0.101 ppbv (J)	< 0.0868 ppbv	0.182 ppbv (J)	0.765 ppbv
	Pentane	0.822 ppbv	0.468 ppbv	1.2 ppbv	1.7 ppbv	1.22 ppbv	3.41 ppbv
	Propene	3.4 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	0.0863 ppbv (J)	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0897 ppbv	< 0.0897 ppbv	0.116 ppbv (J)	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	Tetrahydrofuran	< 0.0568 ppbv	0.147 ppbv (J)	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	1.9 ppbv	0.281 ppbv	0.355 ppbv	0.491 ppbv	0.835 ppbv	1.48 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0463 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.241 ppbv	0.208 ppbv	0.267 ppbv	0.267 ppbv	0.249 ppbv	0.271 ppbv
	Vinyl acetate	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0487 ppbv	< 0.0487 ppbv	< 0.0487 ppbv	< 0.0487 ppbv	< 0.0487 ppbv	< 0.0487 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS008				AS009	
		PNTX1204MC008	PNTX1205MC006	PNTX1206MC008	PNTX1207MC008	PNTX1127MC009	PNTX1128MC009
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 (J)	< 0.0514 ppbv	< 0.0514 (J)	< 0.0514 (J) ppbv	< 0.0514 (J) ppbv	< 0.0514 (J) ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0699 ppbv (J)	< 0.0837 ppbv	0.078 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv
	1,2-Dichlorobenzene	< 0.0903 (J)	< 0.0603 ppbv	< 0.0603 (J)	< 0.0603 (J) ppbv	< 0.0603 (J) ppbv	< 0.0603 (J) ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.139 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	0.123 ppbv (J)	< 0.0983 (J) ppbv	0.09 ppbv (J)
	1,3-Butadiene	1.29 ppbv	< 0.0552 ppbv	< 0.0552 ppbv	0.583 ppbv (J)	1.16 ppbv (J)	7.26 ppbv
	1,3-Dichlorobenzene	< 0.0897 (J)	< 0.0597 ppbv	< 0.0597 (J)	< 0.0597 (J) ppbv	< 0.0597 (J) ppbv	< 0.0597 (J) ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	3.36 ppbv	0.798 ppbv (J)	1.48 ppbv	0.891 ppbv (J)	0.208 ppbv (J)	0.894 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	0.61 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	2.6 ppbv	0.359 ppbv (J)	0.842 ppbv (J)
	2,2,4-Trimethylpentane	0.106 ppbv (J)	< 0.0934 ppbv	< 0.0934 ppbv	0.0754 ppbv (J)	< 0.0934 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	< 0.0831 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	0.082 ppbv (J)	< 0.0666 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	0.0702 ppbv (J)	< 0.055 ppbv	< 0.055 ppbv	0.181 ppbv (J)	< 0.055 ppbv	0.0833 ppbv (J)
	Acetone	7.16 ppbv	14.4 ppbv	9.74 ppbv	8.93 ppbv	4.2 ppbv	6.99 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.188 ppbv	< 0.235 ppbv	< 0.188 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.595 ppbv	0.355 ppbv	0.481 ppbv	0.374 ppbv	0.157 ppbv	0.462 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	2.41 ppbv	5.54 ppbv	3.15 ppbv	5.56 ppbv	2.91 ppbv	7.61 ppbv
	Carbon disulfide	0.123 ppbv (J)	< 0.0944 ppbv	0.167 ppbv (J)	< 0.0944 (J) ppbv	< 0.0944 ppbv	0.102 ppbv (J)
	Carbon tetrachloride	0.0781 ppbv (J)	0.0818 ppbv (J)	0.0781 ppbv (J)	0.0685 ppbv (J)	0.0648 ppbv (J)	0.0796 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	0.249 ppbv (J)	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	1.67 ppbv	< 0.0968 ppbv	0.592 ppbv	0.976 ppbv	0.628 ppbv	1.7 ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0906 (J)	< 0.0906 ppbv	< 0.0906 (J)	< 0.0906 (J) ppbv	< 0.0906 (J) ppbv	< 0.0906 (J) ppbv
	Cyclohexane	0.222 ppbv	< 0.0854 ppbv	0.235 ppbv	0.214 ppbv	< 0.0854 ppbv	0.0982 ppbv (J)
	Dibromochloromethane	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv
	Dichlorodifluoromethane	0.58 ppbv	0.485 ppbv	0.581 ppbv	0.42 ppbv	0.473 ppbv	0.474 ppbv
	Ethanol	33.1 ppbv	5.41 ppbv	7.04 ppbv	11.2 ppbv	5.13 ppbv	6.75 ppbv
	Ethylbenzene	0.135 ppbv (J)	< 0.0978 ppbv	< 0.0978 ppbv	0.0854 ppbv (J)	< 0.0978 (J) ppbv	< 0.0978 ppbv
	Heptane	< 0.205 ppbv	0.0789 ppbv (J)	< 0.205 ppbv	0.158 ppbv (J)	< 0.0835 ppbv	0.0933 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 (J)	< 0.0955 ppbv	< 0.0955 (J)	< 0.0955 (J) ppbv	< 0.0955 (J) ppbv	< 0.0955 (J) ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.365 ppbv (J)	< 0.196 ppbv	0.149 ppbv (J)	0.267 ppbv (J)	0.123 ppbv (J)	0.139 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	1.31 ppbv	< 0.0982 ppbv	0.113 ppbv (J)
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.256 (J)	0.144 ppbv (J)	0.182 ppbv (J)	0.139 ppbv (J)	0.122 ppbv (J)	0.14 ppbv (J)
	MTBE	< 0.117 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	1.98 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.675 ppbv	0.256 (J)	0.947 ppbv	0.403 ppbv	0.181 ppbv (J)	0.184 ppbv (J)
	Naphthalene	1.89 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.156 ppbv (J)	< 0.0922 ppbv	0.0712 ppbv (J)	0.119 ppbv (J)	< 0.0922 ppbv	< 0.0922 ppbv
	Pentane	1.34 ppbv	0.751 ppbv	0.48 ppbv	7.02 ppbv	0.415 ppbv	0.972 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	3.07 ppbv	< 0.0932 (J) ppbv	1.64 ppbv
	Styrene	0.106 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	0.13 ppbv (J)	0.215 (J)	< 0.0697 (J)	< 0.0697 (J) ppbv	< 0.0697 (J) ppbv	< 0.0697 (J) ppbv
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	0.346 ppbv	0.182 ppbv	0.151 ppbv	0.193 ppbv	0.117 ppbv	0.118 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.25 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.246 ppbv	0.225 ppbv	0.253 ppbv	0.183 ppbv (J)	0.21 ppbv	0.251 ppbv
	Vinyl acetate	< 0.0939 (J) ppbv	< 0.0939 ppbv	< 0.0939 (J) ppbv	< 0.0939 (J) ppbv	< 0.0939 ppbv	< 0.0939 (J) ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0657 ppbv	< 0.0657 ppbv	< 0.0657 ppbv	< 0.0657 ppbv	< 0.0657 ppbv	< 0.0657 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

					AS009		
		PNTX1129MC009	PNTX1130MC009	PNTX1201MC009	PNTX1202MC009	PNTX1203MC009	PNTX1204MC009
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv
	1,1-Dichloroethene	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	< 0.0837 ppbv	0.0701 ppbv (J)	0.0749 ppbv (J)	0.072 ppbv (J)	0.0746 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0703 ppbv	< 0.0703 ppbv	< 0.0703 ppbv	< 0.0703 ppbv	< 0.0703 ppbv	< 0.0703 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	0.0997 ppbv (J)	0.264 ppbv	0.0 ppbv
	1,3-Butadiene	< 0.0363 ppbv	< 0.0363 ppbv	0.165 ppbv (J)	0.65 ppbv	0.285 ppbv (J)	0.4 ppbv
	1,3-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,3,5-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	0.0747 ppbv (J)	0.0761 ppbv (J)
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.551 ppbv (J)	0.369 ppbv (J)	0.242 ppbv (J)	0.439 ppbv (J)	0.303 ppbv (J)	1.01 ppbv (J)
	2-Chlorotoluene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	2-Propanol	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	1.91 ppbv	0.656 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	0.144 ppbv (J)	0.21 ppbv	0.16 ppbv (J)
	4-Ethyltoluene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	0.095 ppbv (J)	0.262 ppbv	0.152 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	0.0831 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	0.292 ppbv (J)	0.256 ppbv (J)
	Acetone	6.16 ppbv	3.89 ppbv	4.38 ppbv	5.56 ppbv	8.93 ppbv	8.8 ppbv
	Acetonitrile	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.154 ppbv (J)	0.143 ppbv (J)	0.188 ppbv (J)	0.65 ppbv	0.251 ppbv	0.3 ppbv
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	1.76 ppbv	1.06 ppbv	2.1 ppbv	16.2 ppbv	3.91 ppbv	26.8 ppbv
	Carbon disulfide	0.271 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	1.99 ppbv	< 0.0564 ppbv
	Carbon tetrachloride	< 0.0502 ppbv	0.0803 ppbv (J)	0.0797 ppbv (J)	0.072 ppbv (J)	0.075 ppbv (J)	0.0755 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.645 ppbv	0.618 ppbv	0.578 ppbv	0.677 ppbv	0.821 ppbv	0.8 ppbv
	cis-1,2-Dichloroethene	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	cis-1,3-Dichloropropene	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv
	Cyclohexane	< 0.0574 ppbv	0.091 ppbv (J)	0.115 ppbv (J)	0.523 ppbv	0.351 ppbv	0.456 ppbv
	Dibromochloromethane	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv
	Dichlorodifluoromethane	0.222 ppbv	0.488 ppbv	0.499 ppbv	0.611 ppbv	0.5 ppbv	0.501 ppbv
	Ethanol	11.94 ppbv	3.5 ppbv	3.41 ppbv	15.3 ppbv	1.8 ppbv	11.3 ppbv
	Ethylbenzene	< 0.0868 ppbv	< 0.0868 ppbv	< 0.0868 ppbv	0.135 ppbv (J)	0.268 ppbv	0.174 ppbv
	Heptane	0.0768 ppbv (J)	0.117 ppbv (J)	0.115 ppbv (J)	0.84 ppbv	0.5 ppbv	0.57 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	m&p-Xylene	< 0.0844 ppbv	0.102 ppbv (J)	0.104 ppbv (J)	0.406 ppbv	0.963 ppbv	0.661 ppbv
	Methyl Butyl Ketone	0.257 ppbv (J)	< 0.0902 ppbv	< 0.0902 ppbv	< 0.0902 ppbv	1.27 ppbv	< 0.0902 ppbv
	Methyl methacrylate	0.16 ppbv (J)	< 0.0779 ppbv	0.161 ppbv (J)	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv
	Methylene Chloride	0.184 ppbv (J)	0.27 ppbv	0.157 ppbv (J)	1.85 ppbv	< 0.0695 ppbv	< 0.0695 ppbv
	MTBE	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv
	n-Hexane	0.402 ppbv	0.301 ppbv	0.357 ppbv	1.56 ppbv	1.41 ppbv	1.37 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	0.816 ppbv (J)	0.714 ppbv	0.344 ppbv (J)
	Nonane	0.0834 ppbv (J)	< 0.0843 ppbv	< 0.0843 ppbv	< 0.0843 ppbv	< 0.0843 ppbv	< 0.0843 ppbv
	o-Xylene	< 0.0869 ppbv	< 0.0869 ppbv	< 0.0869 ppbv	0.155 ppbv (J)	0.384 ppbv	0.227 ppbv
	Pentane	< 0.0691 ppbv	0.63 ppbv	0.84 ppbv	4.13 ppbv	1.91 ppbv	4.36 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0865 ppbv	< 0.0865 ppbv	< 0.0865 ppbv	0.195 ppbv (J)	< 0.0865 ppbv	< 0.0865 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	0.0841 ppbv (J)	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.377 ppbv	0.324 ppbv	0.367 ppbv	0.933 ppbv	2.03 ppbv	1.61 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.178 ppbv (J)	0.21 ppbv	0.263 ppbv	0.249 ppbv	0.251 ppbv	0.267 ppbv
	Vinyl acetate	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS009					AS010
		PNTX1205MC009	PNTX1206MC009	PNTX1207MC009	PNTX1127MC010	PNTX1128MC010	PNTX1129MC010
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 4 Validated	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0687 ppbv	0.0841 ppbv (J)	0.0757 ppbv (J)	0.0687 ppbv (J)	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	0.0841 ppbv (J)	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.071 ppbv (J)	< 0.0983 ppbv	0.15 ppbv (J)	< 0.0983 ppbv	0.11 ppbv (J)	0.141 ppbv (J)
	1,3-Butadiene	0.456 ppbv (J)	< 0.0552 ppbv	2.12 ppbv	0.295 ppbv (J)	< 0.0552 ppbv	< 0.0552 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.524 ppbv (J)	1.63 ppbv	0.577 ppbv (J)	0.486 ppbv (J)	10.6 ppbv (J)	4.82 ppbv
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	2-Propanol	0.817 ppbv (J)	< 0.0392 ppbv	0.47 ppbv	< 0.0392 ppbv	< 0.0392 ppbv	0.927 ppbv (J)
	2,2,4-Trimethylpentane	1.1 ppbv	< 0.0466 ppbv	< 0.0466 ppbv	< 0.0466 ppbv	< 0.0466 ppbv	< 0.0466 ppbv
	4-Ethyltoluene	< 0.0831 ppbv	< 0.0866 ppbv	0.113 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv	0.106 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	0.0918 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv	0.139 ppbv (J)
	Acetone	5.97 ppbv	8.9 ppbv	7.45 ppbv	5.92 ppbv	50.3 ppbv	21.9 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	0.317 ppbv (J)	1.57 ppbv (J)	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.424 ppbv	0.375 ppbv	0.485 ppbv	0.181 ppbv (J)	0.1 ppbv	0.189 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	4.07 ppbv	8.65 ppbv	6.74 ppbv	1.48 ppbv	1.19 ppbv	2.91 ppbv
	Carbon disulfide	< 0.0934 ppbv	0.122 ppbv (J)	0.0995 ppbv (J)	< 0.0934 ppbv	0.753 ppbv	0.372 ppbv
	Carbon tetrachloride	0.0765 ppbv (J)	0.0728 ppbv (J)	0.0798 ppbv (J)	0.0729 ppbv (J)	0.0633 ppbv (J)	0.0616 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.775 ppbv	0.888 ppbv	0.994 ppbv	0.821 ppbv	1.14 ppbv	1.01 ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv
	Cyclohexane	< 0.0574 ppbv	0.215 ppbv	0.48 ppbv	0.0966 ppbv (J)	< 0.0574 ppbv	< 0.0574 ppbv
	Dibromochloromethane	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv
	Dichlorodifluoromethane	0.504 ppbv	0.604 ppbv	0.64 ppbv	0.48 ppbv	0.45 ppbv	0.501 ppbv
	Ethanol	11.36 ppbv	7.37 ppbv	4.68 ppbv	3.71 ppbv	7.82 ppbv	13.3 ppbv
	Ethylbenzene	0.0697 ppbv (J)	0.067 ppbv (J)	0.163 ppbv (J)	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Heptane	0.417 ppbv	0.813 ppbv	0.836 ppbv	0.0831 ppbv (J)	0.0961 ppbv (J)	0.0987 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	0.0693 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.213 ppbv (J)	0.182 ppbv (J)	0.53 ppbv	0.107 ppbv (J)	< 0.0868 ppbv	0.127 ppbv (J)
	Methyl Butyl Ketone	< 0.0819 ppbv	< 0.0819 ppbv	< 0.0819 ppbv	0.108 ppbv (J)	0.106 ppbv (J)	1.35 ppbv
	Methyl methacrylate	0.177 ppbv (J)	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv
	Methylene Chloride	0.541 ppbv	0.214 ppbv	0.171 ppbv (J)	0.117 ppbv (J)	0.112 ppbv (J)	0.153 ppbv (J)
	MTBE	< 0.0909 ppbv	< 0.0909 ppbv	0.937 ppbv	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv
	n-Hexane	0.585 ppbv	0.976 ppbv	0.496 ppbv	0.25 ppbv	0.166 ppbv (J)	0.246 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	0.0983 ppbv (P)	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.0736 ppbv (J)	0.0786 ppbv (J)	0.213 ppbv	< 0.0868 ppbv	< 0.0868 ppbv	0.066 ppbv (J)
	Pentane	1.03 ppbv	1.08 ppbv	1.08 ppbv	0.342 ppbv	0.418 ppbv	0.792 ppbv (J)
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	5.31 ppbv	< 0.0932 ppbv	0.31 ppbv	1.65 ppbv
	Styrene	< 0.0985 ppbv	< 0.0985 ppbv	0.572 ppbv	< 0.0985 ppbv	< 0.0985 ppbv	< 0.0985 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.345 ppbv	0.634 ppbv	1.2 ppbv	0.167 ppbv	0.429 ppbv	0.396 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.246 ppbv	0.27 ppbv	0.45 ppbv	0.21 ppbv	0.186 ppbv (J)	0.184 ppbv (J)
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS010					AS011
		PNTX1130MC010	PNTX1201MC010	PNTX1127MC011	PNTX1128MC011	PNTX1129MC011	PNTX1130MC011
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 4 Validated	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0637 ppbv	0.0695 ppbv (J)	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	0.164 ppbv (J)	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.119 ppbv (J)	0.134 ppbv (J)	< 0.0591 ppbv	0.0601 ppbv (J)	< 0.0591 ppbv	< 0.0591 ppbv
	1,3-Butadiene	< 0.0363 ppbv	< 0.0363 ppbv	0.109 ppbv (J)	< 0.0363 ppbv	< 0.0363 ppbv	0.675 ppbv (J)
	1,3-Dichlorobenzene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,3,5-Trimethylbenzene	< 0.0591 ppbv	< 0.0591 ppbv	< 0.0591 ppbv	< 0.0591 ppbv	< 0.0591 ppbv	< 0.0591 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.354 ppbv (J)	1.38 ppbv	0.418 ppbv (J)	0.61 ppbv (J)	< 0.0493 ppbv	< 0.0493 ppbv
	2-Chlorotoluene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	2-Propanol	< 0.0892 ppbv	< 0.0892 ppbv	0.674 ppbv (J)	< 0.0892 ppbv	0.357 ppbv (J)	< 0.0892 ppbv
	2,2,4-Trimethylpentane	4.33 ppbv	0.0673 ppbv (J)	< 0.0466 ppbv	< 0.0466 ppbv	< 0.0466 ppbv	< 0.0466 ppbv
	4-Ethyltoluene	< 0.0611 ppbv	0.0754 ppbv (J)	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	0.857 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv
	Acetone	< 70 ppbv	10.3 ppbv	3.4 ppbv	1.32 ppbv	3.3 ppbv	7.13 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.488 ppbv	0.347 ppbv	0.15 ppbv (J)	0.14 ppbv (J)	0.161 ppbv (J)	0.112 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	0.107 ppbv (J)	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	1.64 ppbv	3.48 ppbv	1.26 ppbv	1.04 ppbv	1.26 ppbv	1.76 ppbv
	Carbon disulfide	< 0.315 ppbv	0.247 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	< 0.0564 ppbv
	Carbon tetrachloride	0.077 ppbv (J)	0.0771 ppbv (J)	0.0703 ppbv (J)	0.0661 ppbv (J)	< 0.0595 ppbv	0.0654 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	1.48 ppbv	0.712 ppbv	0.583 ppbv	0.795 ppbv	0.661 ppbv	1.47 ppbv
	cis-1,2-Dichloroethene	< 0.0388 ppbv	< 0.0388 ppbv	< 0.0388 ppbv	< 0.0388 ppbv	< 0.0388 ppbv	< 0.0388 ppbv
	cis-1,3-Dichloropropene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Cyclohexane	0.731 ppbv	0.258 ppbv	0.0822 ppbv (J)	< 0.0581 ppbv	< 0.0581 ppbv	< 0.0581 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.446 ppbv	0.507 ppbv	0.451 ppbv	0.438 ppbv	0.387 ppbv	0.47 ppbv
	Ethanol	3.42 ppbv	17.1 ppbv	7.03 ppbv	7.73 ppbv	4.17 ppbv	2.67 ppbv
	Ethylbenzene	0.0659 ppbv (J)	0.143 ppbv (J)	0.112 ppbv (J)	< 0.0608 ppbv	< 0.0608 ppbv	< 0.0608 ppbv
	Heptane	1.5 ppbv	0.183 ppbv (J)	< 0.0628 ppbv	< 0.0628 ppbv	< 0.0628 ppbv	< 0.0628 ppbv
	Hexachloro-1,3-butadiene	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	Isopropylbenzene	0.1 ppbv (J)	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	m&p-Xylene	0.359 ppbv (J)	0.464 ppbv	0.191 ppbv (J)	< 0.0846 ppbv	< 0.0846 ppbv	0.115 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	2.04 ppbv	< 0.0682 ppbv	0.124 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	1.01 ppbv	0.271 ppbv	0.273 ppbv	0.137 ppbv (J)	0.495 ppbv	1.67 ppbv
	MTBE	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv
	n-Hexane	0.56 ppbv	0.557 ppbv	0.259 ppbv	0.173 ppbv (J)	0.176 ppbv (J)	0.64 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0783 ppbv	< 0.0783 ppbv	0.0683 ppbv (J)	< 0.0783 ppbv	< 0.0783 ppbv	< 0.0783 ppbv
	o-Xylene	0.113 ppbv (J)	0.175 ppbv (J)	0.0962 ppbv (J)	< 0.0783 ppbv	< 0.0783 ppbv	< 0.0783 ppbv
	Pentane	1.33 ppbv	1.75 ppbv	0.391 ppbv	0.364 ppbv	< 0.0698 ppbv	0.553 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv	< 0.0765 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.407 ppbv	1.44 ppbv	0.233 ppbv	0.198 ppbv	0.192 ppbv (J)	0.181 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.201 ppbv	0.212 ppbv	0.206 ppbv	0.209 ppbv	0.186 ppbv (J)	0.202 ppbv
	Vinyl acetate	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS011					
		PNTX1201MC011	PNTX1202MC011	PNTX1203MC011	PNTX1204MC011	PNTX1205MC011	PNTX1206MC011
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0817 ppbv	< 0.0817 ppbv	< 0.0817 ppbv	< 0.0817 ppbv	< 0.0817 ppbv	< 0.0817 ppbv
	1,1,2-Trichlorotrifluoroethane	0.077 ppbv (J)	0.0693 ppbv (J)	< 0.0767 ppbv	< 0.0767 ppbv	0.0747 ppbv (J)	< 0.0767 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0701 ppbv	< 0.0701 ppbv	< 0.0701 ppbv	< 0.0701 ppbv	< 0.0701 ppbv	< 0.0701 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0835 ppbv (J)	0.164 ppbv (J)	0.235 ppbv	0.104 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	1,3-Butadiene	0.564 ppbv (J)	13.7 ppbv	2.37 ppbv	1.31 ppbv (J)	< 0.0552 ppbv	< 0.0552 ppbv
	1,3-Dichlorobenzene	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	0.0866 ppbv (J)	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	0.0661 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.375 ppbv (J)	0.548 ppbv (J)	1.8 ppbv	0.854 ppbv (J)	0.786 ppbv (J)	0.458 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	2-Propanol	< 57 ppbv	1.14 ppbv (J)	1.47 ppbv	0.732 ppbv (J)	0.48 ppbv (J)	0.453 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	0.137 ppbv (J)	0.234 ppbv	0.298 ppbv	< 0.0855 ppbv	0.232 ppbv
	4-Ethyltoluene	< 0.0983 ppbv	< 0.0983 ppbv	0.133 ppbv (J)	0.0965 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	0.172 ppbv (J)	0.203 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv
	Acetone	5.07 ppbv	8.62 ppbv	13.1 ppbv	8.28 ppbv	< 5.47 ppbv	6.26 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.224 ppbv	0.866 ppbv	0.76 ppbv	1.05 ppbv	0.4 ppbv	0.406 ppbv
	Benzyl Chloride	< 0.0538 ppbv	< 0.0538 ppbv	< 0.0538 ppbv	< 0.0538 ppbv	< 0.0538 ppbv	< 0.0538 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	4.72 ppbv	7.73 ppbv	9.16 ppbv	4.83 ppbv	8.5 ppbv	7.6 ppbv
	Carbon disulfide	0.0663 ppbv (J)	0.1 ppbv (J)	0.514 ppbv	0.101 ppbv (J)	< 0.0514 ppbv	0.425 ppbv
	Carbon tetrachloride	0.086 ppbv (J)	0.0771 ppbv (J)	0.0528 ppbv (J)	0.0697 ppbv (J)	0.0807 ppbv (J)	0.0809 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.561 ppbv	0.94 ppbv	0.587 ppbv	0.605 ppbv	0.393 ppbv	0.214 ppbv
	cis-1,2-Dichloroethene	< 0.0893 ppbv	< 0.0893 ppbv	< 0.0893 ppbv	< 0.0893 ppbv	< 0.0893 ppbv	< 0.0893 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	0.177 ppbv (J)	< 0.344 ppbv	0.221 ppbv	< 0.344 ppbv	< 0.0554 ppbv	0.186 ppbv (J)
	Dibromochloromethane	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv
	Dichlorodifluoromethane	< 0.101 ppbv	0.551 ppbv	< 0.44 ppbv	< 0.3 ppbv	0.544 ppbv	< 0.562 ppbv
	Ethanol	11.63 ppbv	12.3 ppbv (J)	18.8 ppbv	8 ppbv	7.12 ppbv	5.03 ppbv
	Ethylbenzene	< 0.0865 ppbv	0.136 ppbv (J)	0.292 ppbv	0.104 ppbv	0.0765 ppbv (J)	< 0.0865 ppbv
	Heptane	0.149 ppbv (J)	0.256 ppbv	0.269 ppbv	< 0.2 ppbv	< 0.0625 ppbv	< 0.2 ppbv
	Hexachloro-1,3-butadiene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.177 ppbv (J)	0.411 ppbv	0.903 ppbv	0.351 ppbv	0.256 ppbv (J)	0.141 ppbv (J)
	Methyl Butyl Ketone	0.255 ppbv (J)	< 0.102 ppbv	0.285 ppbv (J)	< 0.102 ppbv	< 0.082 ppbv	< 0.0952 ppbv
	Methyl methacrylate	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv
	Methylene Chloride	0.286 ppbv	< 0.0695 ppbv	0.165 ppbv (J)	0.143 ppbv (J)	0.262 ppbv	0.169 ppbv
	MTBE	< 0.0901 ppbv	0.103 ppbv (J)	0.194 ppbv (J)	0.0991 ppbv (J)	< 0.0705 ppbv	< 0.0901 ppbv
	n-Hexane	0.422 ppbv	0.971 ppbv	0.704 ppbv	0.625 ppbv	0.467 ppbv	0.97 ppbv
	Naphthalene	< 0.156 ppbv	4.37 ppbv	0.378 ppbv (J)	< 0.446 ppbv	0.305 ppbv (J)	< 0.156 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	0.237 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.0631 ppbv (J)	0.196 ppbv (J)	0.252 ppbv	0.134 ppbv	0.189 ppbv (J)	0.0673 ppbv (J)
	Pentane	1.49 ppbv	1.53 ppbv	1.08 ppbv	2.27 ppbv	1.75 ppbv	0.7 ppbv
	Propene	< 0.0932 ppbv	3.04 ppbv	5.16 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	0.165 ppbv (J)
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	0.555 ppbv	1.08 ppbv	1.16 ppbv	1.3 ppbv	0.789 ppbv	0.486 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.245 ppbv	0.262 ppbv	0.21 ppbv	0.209 ppbv	0.253 ppbv	0.262 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS011					AS012
		PNTX1207MC011	PNTX1127MC012	PNTX1128MC012	PNTX1129MC012	PNTX1130MC012	PNTX1201MC012
Analytical Method	Analyte	Level 2 Verified	Level 4 Validated	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0614 (J)	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 (J) ppbv	< 0.0614 ppbv	< 0.0614 (J)
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0761 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 (J) ppbv	< 0.0976 ppbv	< 0.0976 (J) ppbv	< 0.0976 (J) ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv	< 0.0781 ppbv
	1,2-Dichlorobenzene	< 0.0603 (J) ppbv	< 0.0603 ppbv	< 0.0603 (J) ppbv	< 0.0603 (J) ppbv	< 0.0603 ppbv	< 0.0603 (J)
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 (J) ppbv	< 0.148 ppbv	0.175 ppbv (J)
	1,2,4-Trimethylbenzene	< 0.0983 ppbv	0.103 ppbv (J)	0.071 ppbv (J)	< 0.0983 (J) ppbv	< 0.0983 (J) ppbv	0.0944 ppbv (J)
	1,3-Butadiene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	0.154 ppbv	4.8 ppbv
	1,3-Dichlorobenzene	< 0.0897 (J) ppbv	< 0.0897 ppbv	< 0.0897 (J) ppbv	< 0.0897 (J) ppbv	< 0.0897 ppbv	< 0.0897 (J)
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.575 ppbv (J)	0.569 ppbv (J)	0.543 ppbv (J)	0.583 ppbv (J)	0.785 ppbv (J)	0.395 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 (J) ppbv	< 0.0805 ppbv	< 0.0805 (J) ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	0.243 ppbv (J)	< 0.0982 ppbv	0.593 ppbv (J)	0.572 ppbv (J)	< 0.0982 ppbv	0.335 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0956 (J) ppbv	< 0.0956 ppbv	< 0.0956 (J) ppbv	< 0.0956 (J) ppbv	< 0.0956 ppbv	< 0.0956 (J)
	4-Ethyltoluene	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0685 ppbv	0.0879 ppbv (J)	0.147 ppbv (J)	0.112 ppbv (J)	< 0.0685 (J) ppbv	< 0.0685 ppbv
	Acetone	< 5.37 ppbv	5.47 ppbv	5 ppbv	7.88 ppbv	7.42 ppbv	< 4.24 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.3 ppbv	0.192 ppbv (J)	0.254 ppbv	0.184 ppbv (J)	0.552 (J) ppbv	0.426 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 (J) ppbv	< 0.0609 ppbv	< 0.0609 (J) ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	< 37 ppbv	3.76 ppbv	15 ppbv	3.51 ppbv	3.9 ppbv	4.47 ppbv
	Carbon disulfide	< 0.0564 (J) ppbv	0.511 ppbv	0.136 ppbv (J)	< 0.0564 (J) ppbv	< 0.141 ppbv	< 0.0564 (J)
	Carbon tetrachloride	0.0804 ppbv (J)	0.0701 ppbv (J)	< 0.0525 ppbv	< 0.0525 ppbv	0.0853 ppbv (J)	0.0865 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.687 ppbv	0.594 ppbv	0.547 ppbv	0.584 ppbv	0.628 ppbv	0.794 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0906 (J) ppbv	< 0.0906 ppbv	< 0.0906 (J) ppbv	< 0.0906 (J) ppbv	< 0.0906 ppbv	< 0.0906 (J)
	Cyclohexane	0.0902 ppbv (J)	0.104 ppbv (J)	0.136 ppbv (J)	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.66 ppbv	0.647 ppbv	0.4 ppbv	0.412 ppbv	0.481 ppbv	0.69 ppbv
	Ethanol	3.8 ppbv	3.2 ppbv	8.38 ppbv	3.53 ppbv	4.83 ppbv	4.03 ppbv
	Ethylbenzene	0.134 ppbv (J)	< 0.0978 (J) ppbv	< 0.0978 ppbv	< 0.0978 (J) ppbv	< 0.0978 (J) ppbv	0.0746 ppbv (J)
	Heptane	0.0947 ppbv (J)	0.0795 ppbv (J)	0.226 ppbv	< 0.0820 ppbv	0.0729 ppbv (J)	0.184 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0956 (J) ppbv	< 0.0956 ppbv	< 0.0956 (J) ppbv	< 0.0956 (J) ppbv	< 0.0956 ppbv	< 0.0956 (J)
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	0.124 ppbv (J)	< 0.0983 ppbv
	m&p-Xylene	0.264 ppbv (J)	0.142 ppbv (J)	0.189 ppbv (J)	0.177 ppbv (J)	0.198 ppbv (J)	0.22 ppbv (J)
	Methyl Butyl Ketone	< 0.0802 ppbv	0.0702 ppbv (J)	< 0.0802 ppbv	< 0.0802 ppbv	< 0.0802 ppbv	< 0.0802 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.192 ppbv (J)	0.15 ppbv (J)	0.579 ppbv	0.238 ppbv	0.377 ppbv	0.14 ppbv
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.0881 ppbv	< 0.256 (J) ppbv	1.28 ppbv	0.4 ppbv	< 0.545 (J) ppbv	0.406 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	0.0358 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.124 ppbv (J)	< 0.0922 ppbv	0.0699 ppbv (J)	0.0782 ppbv (J)	< 0.0922 ppbv	0.125 ppbv (J)
	Pentane	0.078 ppbv	< 5.13 ppbv	5.04 ppbv	< 0.0836 ppbv	< 0.836 ppbv	1.05 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 (J) ppbv	< 0.0932 ppbv	< 0.0932 (J) ppbv	< 0.0932 (J) ppbv	3.06 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 (J) ppbv	< 0.0697 ppbv	0.912 ppbv	< 0.0697 (J) ppbv	< 0.0697 ppbv	< 0.0697 (J)
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.402 ppbv	0.804 ppbv	0.438 ppbv	1.17 ppbv	0.693 ppbv	0.488 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 (J) ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 (J) ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.256 ppbv	0.232 ppbv	0.2 ppbv	0.191 ppbv (J)	0.233 ppbv	0.266 ppbv
	Vinyl acetate	< 0.0705 (J) ppbv	< 0.0705 ppbv	< 0.0705 (J) ppbv	< 0.0705 (J) ppbv	< 0.0705 ppbv	< 0.0705 (J)
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS012					
		PNTX1202MC012	PNTX1203MC012	PNTX1204MC012	PNTX1205MC012	PNTX1206MC012	PNTX1207MC012
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0784 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	0.0803 ppbv (J)	< 0.0837 ppbv	0.0694 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.145 ppbv (J)	0.186 ppbv (J)	0.253 ppbv	0.0934 ppbv (J)	0.116 ppbv (J)	0.0799 ppbv (J)
	1,3-Butadiene	0.269 ppbv (J)	1.32 ppbv (J)	0.404 ppbv (J)	< 0.0538 ppbv	< 0.0538 ppbv	< 0.0538 ppbv
	1,3-Dichlorobenzene	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	0.128 ppbv (J)	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	1.01 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.342 ppbv (J)	0.861 ppbv (J)	1.13 ppbv (J)	0.804 ppbv (J)	1.03 ppbv (J)	0.562 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	2-Propanol	< 0.0982 ppbv	0.603 ppbv (J)	1.13 ppbv (J)	0.434 ppbv (J)	< 0.0982 ppbv	0.475 ppbv (J)
	2,2,4-Trimethylpentane	0.0836 ppbv (J)	0.134 ppbv (J)	0.21 ppbv	< 0.0745 ppbv	0.066 ppbv (J)	< 0.0745 ppbv
	4-Ethyltoluene	0.097 ppbv (J)	0.166 ppbv (J)	< 0.15 ppbv	< 0.0966 ppbv	< 0.0966 ppbv	< 0.0966 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0985 ppbv	0.271 ppbv (J)	0.114 ppbv (J)	< 0.0985 ppbv	< 0.0985 ppbv	< 0.0985 ppbv
	Acetone	4.56 ppbv	8.77 ppbv	5.79 ppbv	5.73 ppbv	5.12 ppbv	< 4.81 ppbv
	Acetonitrile	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.488 ppbv	0.707 ppbv	1.51 ppbv	0.253 ppbv	0.461 ppbv	0.286 ppbv
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	1.29 ppbv	8.61 ppbv	4.17 ppbv	1.16 ppbv	4.95 ppbv	2.19 ppbv
	Carbon disulfide	< 0.15 ppbv	< 0.0594 ppbv	0.215 ppbv	< 0.0594 ppbv	0.125 ppbv (J)	< 0.0594 ppbv
	Carbon tetrachloride	< 0.0628 ppbv	0.065 ppbv (J)	0.0694 ppbv (J)	0.0842 ppbv (J)	0.0795 ppbv (J)	0.0816 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.57 ppbv	0.681 ppbv	0.525 ppbv	0.674 ppbv	0.668 ppbv	0.668 ppbv
	cis-1,2-Dichloroethene	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	cis-1,3-Dichloropropene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Cyclohexane	< 0.0574 ppbv	0.17 ppbv (J)	0.281 ppbv	0.137 ppbv (J)	< 0.0574 ppbv	0.0979 ppbv (J)
	Dibromochloromethane	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv
	Dichlorodifluoromethane	0.491 ppbv	0.481 ppbv	0.44 ppbv	0.5 ppbv	0.452 ppbv	0.525 ppbv
	Ethanol	11.94 ppbv	3.41 ppbv	9.38 ppbv	3.31 ppbv	4.5 ppbv	8.75 ppbv
	Ethylbenzene	0.142 ppbv (J)	0.198 ppbv (J)	0.397 ppbv	0.0825 ppbv (J)	0.103 ppbv (J)	0.0732 ppbv (J)
	Heptane	0.187 ppbv (J)	0.195 ppbv (J)	0.343 ppbv	0.176 ppbv (J)	0.186 ppbv (J)	0.113 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.436 ppbv	0.886 ppbv	1.73 ppbv	0.263 ppbv (J)	0.381 ppbv (J)	0.231 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	0.271 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.513 ppbv	0.138 ppbv (J)	0.19 ppbv (J)	0.28 ppbv	0.227 ppbv	0.183 ppbv (J)
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.881 ppbv	0.561 ppbv	0.788 ppbv	0.404 ppbv	0.578 ppbv	0.3.4 ppbv
	Naphthalene	3.02 ppbv	< 0.151 ppbv	< 0.281 ppbv	0.816 ppbv (J)	< 0.354 ppbv	< 0.151 ppbv
	Nonane	0.069 ppbv (J)	0.184 ppbv (J)	< 0.0918 ppbv	< 0.0918 ppbv	< 0.0918 ppbv	< 0.0918 ppbv
	o-Xylene	0.161 ppbv (J)	0.337 ppbv	0.696 ppbv	0.114 ppbv (J)	0.132 ppbv (J)	0.107 ppbv (J)
	Pentane	1.26 ppbv	1.35 ppbv	2 ppbv	1.23 ppbv	1.44 ppbv	1.53 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	0.0655 ppbv (J)	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	0.0657 ppbv (J)	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	0.375 ppbv	1.03 ppbv	2.38 ppbv	0.198 ppbv	1.02 ppbv	0.516 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.215 ppbv	0.204 ppbv	0.2 ppbv	0.258 ppbv	0.217 ppbv	0.274 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

						AS013	
		PNTX1127MC013	PNTX1128MC013	PNTX1129MC013	PNTX1130MC013	PNTX1201MC013	PNTX1203MC013
Analytical Method	Analyte	Level 4 Validated	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv
	1,1-Dichloroethene	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	0.0834 ppbv (J)	< 0.0837 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0603 ppbv (J)	0.185 ppbv (J)	0.0695 ppbv (J)	< 0.0492 ppbv	0.0768 ppbv (J)	0.197 ppbv (J)
	1,3-Butadiene	0.504 ppbv (J)	0.232 ppbv (J)	< 0.0443 ppbv	< 0.0443 ppbv	1.03 ppbv (J)	1.24 ppbv (J)
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	3.92 ppbv	0.468 ppbv (J)	0.333 ppbv (J)	0.945 ppbv (J)	1.83 ppbv	0.507 ppbv (J)
	2-Chlorotoluene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	2-Propanol	< 0.0982 ppbv	0.377 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.933 ppbv (J)
	2,2,4-Trimethylpentane	0.0762 ppbv (J)	0.0638 ppbv (J)	0.28 ppbv	< 0.0470 ppbv	< 0.0470 ppbv	0.119 ppbv (J)
	4-Ethyltoluene	< 0.0631 ppbv	0.154 ppbv (J)	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	0.147 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	0.111 ppbv (J)	< 0.0555 ppbv	< 0.0555 ppbv	< 0.0555 ppbv	0.635 ppbv (J)	< 0.0555 ppbv
	Acetone	42.4 ppbv	8.34 ppbv	3.31 ppbv	18.3 ppbv	43.9 ppbv	6.6 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.364 ppbv	0.245 ppbv	0.129 ppbv (J)	0.213 ppbv	0.515 ppbv	0.539 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	0.0752 ppbv (J)	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	4.47 ppbv	0.87 ppbv	0.2 ppbv	1.54 ppbv	2.52 ppbv	0.65 ppbv
	Carbon disulfide	10.8 ppbv	0.271 ppbv	0.245 ppbv	< 0.155 ppbv	0.441 ppbv	< 0.0944 ppbv
	Carbon tetrachloride	0.0714 ppbv (J)	0.0745 ppbv (J)	0.0619 ppbv (J)	0.0752 ppbv (J)	0.0765 ppbv (J)	0.061 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.898 ppbv	0.88 ppbv	0.817 ppbv	1.18 ppbv	0.792 ppbv	0.858 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv	< 0.0686 ppbv
	Cyclohexane	0.17 ppbv (J)	< 0.0684 ppbv	0.07 ppbv	< 0.0684 ppbv	0.0909 ppbv (J)	0.132 ppbv (J)
	Dibromochloromethane	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv
	Dichlorodifluoromethane	0.476 ppbv	0.472 ppbv	0.467 ppbv	0.489 ppbv	0.545 ppbv	0.482 ppbv
	Ethanol	37.2 ppbv	3.64 ppbv	10.8 ppbv	3.38 ppbv	8.92 ppbv	1.03 ppbv
	Ethylbenzene	0.0871 ppbv (J)	0.122 ppbv (J)	< 0.0704 ppbv	< 0.0704 ppbv	0.173 ppbv (J)	0.169 ppbv (J)
	Heptane	0.155 ppbv (J)	0.138 ppbv (J)	< 0.0819 ppbv	0.144 ppbv (J)	0.141 ppbv (J)	0.152 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.323 ppbv (J)	0.349 ppbv (J)	0.106 ppbv (J)	0.13 ppbv (J)	0.483 ppbv	0.5 ppbv
	Methyl Butyl Ketone	0.529 ppbv (J)	< 0.0820 ppbv	0.257 ppbv (J)	0.651 ppbv (J)	0.368 ppbv (J)	0.697 ppbv (J)
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	0.038 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.195 ppbv (J)	0.952 ppbv	1.31 ppbv	0.504 ppbv	0.364 ppbv	0.153 ppbv (J)
	MTBE	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.522 ppbv	0.216 ppbv	0.08 ppbv	0.442 ppbv	0.58 ppbv	0.345 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	0.0838 ppbv (J)	< 0.0838 ppbv	0.139 ppbv (J)	< 0.0838 ppbv	< 0.0838 ppbv	0.142 ppbv (J)
	o-Xylene	0.118 ppbv (J)	0.204 ppbv	< 0.0868 ppbv	0.0684 ppbv (J)	0.188 ppbv (J)	0.22 ppbv
	Pentane	1.44 ppbv	1.13 ppbv	0.38 ppbv	0.641 ppbv	0.864 ppbv	1.07 ppbv
	Propene	2.4 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	0.0687 ppbv (J)	< 0.0850 ppbv	< 0.0850 ppbv	< 0.0850 ppbv	< 0.0850 ppbv	< 0.0850 ppbv
	Tetrachloroethylene	0.134 ppbv (J)	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	0.0634 ppbv (J)
	Tetrahydrofuran	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv
	Toluene	1.3 ppbv	0.886 ppbv	0.305 ppbv	0.512 ppbv	1.38 ppbv	1.04 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.222 ppbv	0.247 ppbv	0.19 ppbv (J)	0.213 ppbv	0.227 ppbv	0.216 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS013					AS014
		PNTX1204MC013	PNTX1206MC013	PNTX1207MC013	PNTX1127MC014	PNTX1128MC014	PNTX1129MC014
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 4 Validated	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	< 0.0837 ppbv	0.0729 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.169 ppbv (J)	0.0614 ppbv (J)	< 0.0588 ppbv	0.0952 ppbv (J)	0.0803 ppbv (J)	0.0611 ppbv (J)
	1,3-Butadiene	0.196 ppbv (J)	< 0.0552 ppbv	< 0.0552 ppbv	< 0.0552 ppbv	< 0.0552 ppbv	< 0.0552 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	0.0656 ppbv (J)	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.02 ppbv (J)	0.972 ppbv (J)	0.626 ppbv (J)	0.904 ppbv (J)	0.249 ppbv (J)	0.7 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	1.07 ppbv (J)	< 0.0982 ppbv	0.201 ppbv (J)	< 0.0982 ppbv	0.647 ppbv (J)	< 0.0982 ppbv
	2,2,4-Trimethylpentane	0.484 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	4-Ethyltoluene	0.198 ppbv (J)	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	0.143 ppbv (J)	0.176 ppbv (J)	< 0.0615 ppbv
	Acetone	3.7 ppbv	5.34 ppbv	< 1 ppbv	15.7 ppbv	5.42 ppbv	11 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.788 ppbv	0.351 ppbv	0.276 ppbv	0.227 ppbv	0.107 ppbv	0.166 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	4.37 ppbv	4.48 ppbv	2.62 ppbv	1.07 ppbv	1.23 ppbv	0.997 ppbv
	Carbon disulfide	0.0647 ppbv (J)	0.14 ppbv (J)	< 0.0593 ppbv	0.213 ppbv	0.0491 ppbv	0.272 ppbv
	Carbon tetrachloride	0.0742 ppbv (J)	0.0697 ppbv (J)	< 0.0535 ppbv	0.0737 ppbv (J)	0.0732 ppbv (J)	0.0647 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.613 ppbv	0.672 ppbv	0.583 ppbv	0.778 ppbv	0.884 ppbv	0.756 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Cyclohexane	0.563 ppbv	< 0.0634 ppbv	0.061 ppbv (J)	0.0823 ppbv (J)	0.072 ppbv (J)	< 0.0634 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.444 ppbv	0.438 ppbv	0.555 ppbv	0.485 ppbv	0.461 ppbv	0.507 ppbv
	Ethanol	5.6 ppbv	8.53 ppbv	5.08 ppbv	15.7 ppbv	7.43 ppbv	13 ppbv
	Ethylbenzene	0.145 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv	< 0.0575 ppbv
	Heptane	0.79 ppbv	0.182 ppbv (J)	0.0626 ppbv (J)	0.0831 ppbv (J)	0.0878 ppbv (J)	0.113 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	m&p-Xylene	1.34 ppbv	0.161 ppbv (J)	0.117 ppbv (J)	0.151 ppbv (J)	0.179 ppbv (J)	< 0.0846 ppbv
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.24 ppbv (J)	< 0.0982 ppbv	0.192 ppbv (J)
	Methyl methacrylate	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv	< 0.0779 ppbv
	Methylene Chloride	0.161 ppbv (J)	0.179 ppbv (J)	0.128 ppbv (J)	0.141 ppbv (J)	0.2...5 ppbv	0.143 ppbv (J)
	MTBE	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.504 ppbv	0.431 ppbv	0.276 ppbv	0.212 ppbv	0.0862 ppbv (J)	0.198 ppbv (J)
	Naphthalene	< 0.261 ppbv	< 0.154 ppbv	0.185 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0843 ppbv	< 0.0843 ppbv	< 0.0843 ppbv	0.0843 ppbv (P)	< 0.0843 ppbv	< 0.0843 ppbv
	o-Xylene	0.467 ppbv	0.0658 ppbv (J)	< 0.0588 ppbv	0.0698 ppbv (J)	0.0914 ppbv (J)	< 0.0588 ppbv
	Pentane	2.3... ppbv	1.46 ppbv	0.888 ppbv	0.555 ppbv	0.417 ppbv	0.932 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0585 ppbv	< 0.0585 ppbv	< 0.0585 ppbv	< 0.0585 ppbv	< 0.0585 ppbv	< 0.0585 ppbv
	Tetrachloroethylene	0.107 ppbv (J)	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	2.83 ppbv	0.806 ppbv	0.36 ppbv	1.13 ppbv	0.685 ppbv	0.811 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.241 ppbv	0.207 ppbv	0.253 ppbv	0.213 ppbv	0.264 ppbv	0.216 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS014				AS015	
		PNTX1130MC014	PNTX1201MC014	PNTX1127MC015	PNTX1128MC015	PNTX1129MC015	PNTX1130MC015
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 4 Validated	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	0.0739 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	0.0793 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.102 ppbv (J)	0.163 ppbv (J)	0.091 ppbv (J)	0.0831 ppbv (J)	< 0.0805 ppbv	0.134 ppbv (J)
	1,3-Butadiene	1.17 ppbv (J)	0.628 ppbv (J)	< 0.0948 ppbv	< 0.0948 ppbv	< 0.0948 ppbv	0.652 ppbv (J)
	1,3-Dichlorobenzene	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.214 ppbv (J)	0.672 ppbv (J)	1.01 ppbv (J)	0.847 ppbv (J)	0.233 ppbv (J)	0.731 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	0.461 ppbv (J)	0.345 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.406 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	< 0.0631 ppbv	0.139 ppbv (J)	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0685 ppbv	0.297 ppbv (J)	0.0775 ppbv (J)	0.155 ppbv (J)	< 0.0821 ppbv	< 0.0685 ppbv
	Acetone	4.27 ppbv	8.78 ppbv	9.91 ppbv	15.6 ppbv	3.2 ppbv	9.61 ppbv
	Acetonitrile	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.218 ppbv	0.284 ppbv	0.221 ppbv	0.33 ppbv	0.154 ppbv (J)	0.24 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	0.104 ppbv (J)	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	< 1.4 ppbv	3.45 ppbv	2.9 ppbv	3.14 ppbv	1.5 ppbv	< 1 ppbv
	Carbon disulfide	< 0.0934 ppbv	< 0.0934 ppbv	0.209 ppbv	1.74 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	Carbon tetrachloride	0.0602 ppbv (J)	0.086 ppbv (J)	0.0736 ppbv (J)	0.0671 ppbv (J)	0.0678 ppbv (J)	0.0761 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.545 ppbv	0.647 ppbv	0.792 ppbv	0.65 ppbv	0.308 ppbv	0.701 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Cyclohexane	< 0.0634 ppbv	< 0.0634 ppbv	0.0717 ppbv (J)	< 0.0634 ppbv	< 0.0634 ppbv	< 0.0634 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.415 ppbv	0.578 ppbv	0.455 ppbv	0.441 ppbv	0.289 ppbv	0.56 ppbv
	Ethanol	6.21 ppbv	11.3 ppbv	8.08 ppbv	22.3 ppbv	1.06 ppbv	9.27 ppbv
	Ethylbenzene	0.0675 ppbv (J)	0.108 ppbv (J)	< 0.0760 ppbv	0.0673 ppbv (J)	< 0.0760 ppbv	0.0768 ppbv (J)
	Heptane	0.0981 ppbv (J)	0.274 ppbv	0.105 ppbv (J)	0.199 ppbv (J)	< 0.0625 ppbv	0.183 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.275 ppbv (J)	0.303 ppbv (J)	0.156 ppbv (J)	0.176 ppbv (J)	< 0.0868 ppbv	0.274 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	1.17 ppbv (J)	0.155 ppbv (J)	0.146 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.288 ppbv	0.358 ppbv	0.432 ppbv	< 0.0866 ppbv	0.145 ppbv (J)	0.545 ppbv
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.288 ppbv	0.551 ppbv	0.292 ppbv	0.255 ppbv	0.124 ppbv (J)	0.387 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	0.114 ppbv (J)	< 0.0943 ppbv	0.0683 ppbv (J)	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv
	o-Xylene	0.0947 ppbv (J)	0.12 ppbv (J)	0.0732 ppbv (J)	0.0808 ppbv (J)	< 0.0828 ppbv	0.164 ppbv (J)
	Pentane	0.131 ppbv (J)	1.17 ppbv	0.803 ppbv	0.581 ppbv	0.317 ppbv	1.13 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	0.0961 ppbv (J)	< 0.0897 ppbv
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	0.305 ppbv	0.84 ppbv	0.48 ppbv	1.13 ppbv	0.237 ppbv	0.479 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.197 ppbv (J)	0.253 ppbv	0.232 ppbv	0.198 ppbv (J)	0.177 ppbv (J)	0.29 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS015	AS016				
		PNTX1201MC015	PNTX1127MC016	PNTX1128MC016	PNTX1129MC016	PNTX1130MC016	PNTX1201MC016
Analytical Method	Analyte	Level 2 Verified	Level 4 Validated	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.071 ppbv (J)	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	0.0737 ppbv (J)	0.0821 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.164 ppbv (J)	< 0.0983 ppbv	0.0919 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	1,3-Butadiene	< 0.0363 ppbv	1.22 ppbv (J)	2.45 ppbv	< 0.0363 ppbv	< 0.0363 ppbv	0.162 ppbv (J)
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	3.29 ppbv	0.603 ppbv (J)	0.355 ppbv (J)	0.594 ppbv (J)	0.162 ppbv (J)	0.407 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	3.31 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.331 ppbv (J)	0.336 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	0.106 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	0.362 ppbv (J)	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Acetone	9.69 ppbv	6.9 ppbv	4.21 ppbv	4.03 ppbv	4.52 ppbv	4.27 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.4... ppbv	0.353 ppbv	0.475 ppbv	0.107 ppbv (J)	0.0728 ppbv (J)	0.272 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	1.76 ppbv	3.1 ppbv	3.47 ppbv	0.648 ppbv	1.07 ppbv	2.56 ppbv
	Carbon disulfide	0.224 ppbv	1.55 ppbv	2.35 ppbv	0.405 ppbv	1.71 ppbv	0.202 ppbv
	Carbon tetrachloride	0.0884 ppbv (J)	0.0759 ppbv (J)	0.0611 ppbv (J)	0.0645 ppbv (J)	0.0733 ppbv (J)	0.0907 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.661 ppbv	0.651 ppbv	0.713 ppbv	0.596 ppbv	0.833 ppbv	0.661 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0556 ppbv	< 0.0556 ppbv	< 0.0556 ppbv	< 0.0556 ppbv	< 0.0556 ppbv	< 0.0556 ppbv
	Cyclohexane	0.236 ppbv	0.105 ppbv (J)	< 0.0574 ppbv	< 0.0574 ppbv	0.0639 ppbv (J)	0.126 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.505 ppbv	0.47 ppbv	0.439 ppbv	0.38 ppbv	0.543 ppbv	0.476 ppbv
	Ethanol	33.7 ppbv	8.64 ppbv	4.38 ppbv	2.44 ppbv	11.3 ppbv	5.73 ppbv
	Ethylbenzene	0.145 ppbv (J)	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Heptane	0.248 ppbv	0.0839 ppbv (J)	0.138 ppbv (J)	< 0.0839 ppbv	0.0923 ppbv (J)	0.133 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.441 ppbv	0.147 ppbv (J)	0.125 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	0.181 ppbv (J)
	Methyl Butyl Ketone	0.96 ppbv (J)	< 0.0952 ppbv	< 0.0952 ppbv	0.365 ppbv (J)	< 0.0952 ppbv	< 0.0952 ppbv
	Methyl methacrylate	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv	< 0.0973 ppbv
	Methylene Chloride	0.517 ppbv	0.578 ppbv	0.181 ppbv (J)	0.111 ppbv (J)	0.2...9 ppbv	0.555 ppbv
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.688 ppbv	0.308 ppbv	0.458 ppbv	0.17 ppbv (J)	0.25 ppbv	0.39... ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	0.0358 ppbv (J)	0.227 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.166 ppbv (J)	0.0641 ppbv (J)	< 0.0868 ppbv	< 0.0...68 ppbv	< 0.0...68 ppbv	0.0736 ppbv (J)
	Pentane	1.27 ppbv	0.564 ppbv	0.853 ppbv	0.273 ppbv	0.516 ppbv	...33 ppbv
	Propene	< 0.0932 ppbv	2.03 ppbv	2.56 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	0.168 ppbv (J)	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.16 ppbv	0.574 ppbv	0.395 ppbv	0.08 ppbv	0.231 ppbv	0.16 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.245 ppbv	0.208 ppbv	0.226 ppbv	0.173 ppbv (J)	0.252 ppbv	0.276 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected
Estimated Detection
Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS017				AS018	
		PNTX1127MC017	PNTX1129MC017	PNTX1130MC017	PNTX1201MC017	PNTX1127MC018	PNTX1129MC018
Analytical Method	Analyte	Level 4 Validated	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 4 Validated	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	< 0.0837 ppbv	0.077 ppbv (J)	0.0841 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0699 ppbv	< 0.0699 ppbv	< 0.0699 ppbv	< 0.0699 ppbv	< 0.0699 ppbv	< 0.0699 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.14 ppbv (J)	0.0746 ppbv (J)	0.0768 ppbv (J)	0.138 ppbv (J)	0.0909 ppbv (J)	0.0637 ppbv (J)
	1,3-Butadiene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv
	1,3-Dichlorobenzene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	0.149 ppbv (J)	< 0.0554 ppbv
	2-Butanone (MEK)	0.508 ppbv (J)	1.15 ppbv (J)	0.581 ppbv (J)	1.04 ppbv (J)	0.85 ppbv (J)	0.777 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0892 ppbv	< 0.0892 ppbv	< 0.0892 ppbv	1.08 ppbv	< 0.0892 ppbv	< 0.0892 ppbv
	2,2,4-Trimethylpentane	0.137 ppbv (J)	0.122 ppbv (J)	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	0.0633 ppbv (J)
	4-Ethyltoluene	0.133 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv	0.0864 ppbv (J)	0.0365 ppbv (J)	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	0.0784 ppbv (J)	0.0981 ppbv (J)	0.346 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv
	Acetone	6.7e ppbv	11.7 ppbv	7.3 ppbv	12.6 ppbv	8.54 ppbv	6.7e ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	0.36 ppbv (J)
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.104 ppbv	0.391 ppbv	0.157 ppbv (J)	0.213 ppbv	0.177 ppbv	0.178 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	15.2 ppbv	8.47 ppbv	2.17 ppbv	2.94 ppbv	23.4 ppbv	9.62 ppbv
	Carbon disulfide	0.118 ppbv (J)	< 0.0624 ppbv	< 0.0624 ppbv	< 0.0624 ppbv	< 0.0624 ppbv	< 0.0624 ppbv
	Carbon tetrachloride	0.0755 ppbv (J)	0.0693 ppbv (J)	0.0907 ppbv (J)	0.0817 ppbv (J)	0.0666 ppbv (J)	0.0705 ppbv (J)
	Chlorobenzene	< 0.0691 ppbv	< 0.0691 ppbv	< 0.0691 ppbv	< 0.0691 ppbv	< 0.0691 ppbv	< 0.0691 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.853 ppbv	0.988 ppbv	0.942 ppbv	0.831 ppbv	0.8 ppbv	0.862 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Cyclohexane	0.588 ppbv	0.501 ppbv	0.0774 ppbv (J)	< 0.0587 ppbv	0.627 ppbv	< 0.0587 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.456 ppbv	0.438 ppbv	0.553 ppbv	0.56 ppbv	0.452 ppbv	0.467 ppbv
	Ethanol	7.87 ppbv	12.2 ppbv	5.26 ppbv	13.3 ppbv	4.72 ppbv	8.95 ppbv
	Ethylbenzene	0.17 ppbv (J)	0.0761 ppbv (J)	0.0662 ppbv (J)	0.0918 ppbv (J)	0.101 ppbv (J)	< 0.0605 ppbv
	Heptane	0.246 ppbv	0.27 ppbv	0.193 ppbv (J)	0.157 ppbv (J)	0.53 ppbv	0.11 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0613 ppbv	0.0618 ppbv (J)	< 0.0613 ppbv	< 0.0613 ppbv	< 0.0613 ppbv	< 0.0613 ppbv
	m&p-Xylene	0.484 ppbv	0.192 ppbv (J)	0.169 ppbv (J)	0.263 ppbv (J)	0.307 ppbv (J)	< 0.0846 ppbv
	Methyl Butyl Ketone	0.0964 ppbv (J)	0.144 ppbv (J)	< 0.0982 ppbv	1.08 ppbv (J)	< 0.0982 ppbv	0.204 ppbv (J)
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.177 ppbv (J)	0.119 ppbv (J)	0.353 ppbv	1.04 ppbv	0.134 ppbv (J)	0.128 ppbv (J)
	MTBE	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv	< 0.0565 ppbv
	n-Hexane	0.705 ppbv	0.826 ppbv	0.499 ppbv	0.715 ppbv	1.32 ppbv (J)	0.195 ppbv (J)
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	0.0838 ppbv (J)	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv	0.0615 ppbv (J)	< 0.0943 ppbv
	o-Xylene	0.217 ppbv	0.104 ppbv (J)	0.102 ppbv (J)	0.127 ppbv (J)	0.133 ppbv (J)	< 0.0605 ppbv
	Pentane	3.42 ppbv	1.75 ppbv	0.858 ppbv	0.853 ppbv	4.03 ppbv	0.593 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv	< 0.0465 ppbv
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	0.063 ppbv (J)	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	1.07 ppbv	0.775 ppbv	0.932 ppbv	1.18 ppbv	0.729 ppbv	0.317 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.215 ppbv	0.201 ppbv	0.264 ppbv	0.257 ppbv	0.179 ppbv (J)	0.215 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS018					AS019
		PNTX1130MC018	PNTX1201MC018	PNTX1127MC019	PNTX1129MC019	PNTX1150MC019	PNTX1201MC019
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 4 Validated	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0847 ppbv	< 0.0847 ppbv	< 0.0847 ppbv	< 0.0847 ppbv	0.0847 ppbv (J)	< 0.0847 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0735 ppbv (J)	0.0921 ppbv (J)	< 0.0738 ppbv	< 0.0738 ppbv	0.0706 ppbv (J)	0.114 ppbv (J)
	1,3-Butadiene	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	< 0.0563 ppbv	0.554 ppbv (J)	< 0.0563 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	4.23 ppbv	< 0.0488 ppbv	0.512 ppbv (J)	0.486 ppbv (J)	1.93 ppbv	0.836 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	1.35 ppbv	0.345 ppbv (J)	< 0.0492 ppbv	0.869 ppbv (J)	< 0.0492 ppbv	0.805 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	0.0844 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	0.22 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	0.108 ppbv (J)	< 0.0615 ppbv
	Acetone	< 4.88 ppbv	5.12 ppbv	5.6 ppbv	5.02 ppbv	1.9 ppbv	12.1 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	1.2 ppbv (J)	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.144 ppbv (J)	0.121 ppbv (J)	0.164 ppbv (J)	0.171 ppbv (J)	0.174 ppbv	0.248 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	1.62 ppbv	2.06 ppbv	1.97 ppbv	0.602 ppbv	2.24 ppbv	1.61 ppbv
	Carbon disulfide	< 0.0934 ppbv	0.0893 ppbv (J)	< 0.0934 ppbv	< 0.0934 ppbv	0.136 ppbv (J)	0.234 ppbv
	Carbon tetrachloride	0.0884 ppbv (J)	0.0651 ppbv (J)	0.0603 ppbv (J)	0.0883 ppbv (J)	0.0833 ppbv (J)	< 0.0515 ppbv
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.751 ppbv	0.455 ppbv	0.738 ppbv	0.671 ppbv	0.514 ppbv	0.681 ppbv
	cis-1,2-Dichloroethene	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	cis-1,3-Dichloropropene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Cyclohexane	< 0.0574 ppbv	0.0816 ppbv (J)	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	0.08 ppbv (J)
	Dibromochloromethane	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv
	Dichlorodifluoromethane	0.494 ppbv	0.432 ppbv	0.454 ppbv	0.451 ppbv	0.573 ppbv	0.429 ppbv
	Ethanol	4.81 ppbv	5.3 ppbv	7.08 ppbv	4.74 ppbv	1.9 ppbv	13.2 ppbv
	Ethylbenzene	< 0.0868 ppbv	< 0.0868 ppbv	< 0.0868 ppbv	< 0.0868 ppbv	< 0.0868 ppbv	0.0626 ppbv (J)
	Heptane	0.0952 ppbv (J)	0.0839 ppbv (J)	< 0.0839 ppbv	< 0.0839 ppbv	0.108 ppbv (J)	0.0815 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	0.048 ppbv	< 0.0668 ppbv	< 0.0668 ppbv	0.128 ppbv (J)	0.0701 ppbv (J)	< 0.0668 ppbv
	m&p-Xylene	0.354 ppbv (J)	0.162 ppbv (J)	< 0.0868 ppbv	0.127 ppbv (J)	0.132 ppbv (J)	0.166 ppbv (J)
	Methyl Butyl Ketone	< 0.0852 ppbv	< 0.0852 ppbv	0.204 ppbv (J)	< 0.0852 ppbv	0.298 ppbv (J)	< 0.0852 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.262 ppbv	0.186 ppbv (J)	0.147 ppbv (J)	0.619 ppbv	0.255 ppbv	0.191 ppbv
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.244 ppbv	0.259 ppbv	0.142 ppbv (J)	0.249 ppbv	0.142 ppbv	0.2 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0883 ppbv	0.0894 ppbv (J)	0.0819 ppbv (J)	< 0.0883 ppbv	< 0.0883 ppbv	0.106 ppbv
	o-Xylene	0.074 ppbv (J)	0.0861 ppbv (J)	< 0.0868 ppbv	0.0634 ppbv (J)	0.0678 ppbv (J)	0.0824 ppbv (J)
	Pentane	0.788 ppbv	0.114 ppbv (J)	0.438 ppbv	< 0.0836 ppbv	0.571 ppbv	< 0.0836 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	Tetrahydrofuran	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Toluene	0.844 ppbv	0.842 ppbv	0.295 ppbv	0.88 ppbv	0.43 ppbv	0.76 ppbv
	trans-1,2-Dichloroethene	< 0.0864 ppbv	< 0.0864 ppbv	< 0.0864 ppbv	< 0.0864 ppbv	< 0.0864 ppbv	< 0.0864 ppbv
	trans-1,3-Dichloropropene	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.246 ppbv	0.205 ppbv	0.167 ppbv (J)	0.252 ppbv	0.257 ppbv	0.201 ppbv
	Vinyl acetate	< 0.0839 ppbv	< 0.0839 ppbv	< 0.0839 ppbv	< 0.0839 ppbv	< 0.0839 ppbv	< 0.0839 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS019					
		PNTX1202MC019	PNTX1203MC019	PNTX1204MC019	PNTX1205MC019	PNTX1206MC019	PNTX1207MC019
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv	< 0.0787 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0784 ppbv (J)	< 0.0837 ppbv	0.0716 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	0.0787 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.126 ppbv (J)	0.146 ppbv (J)	0.145 ppbv (J)	0.152 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv
	1,3-Butadiene	0.253 ppbv (J)	0.166 ppbv (J)	0.327 ppbv (J)	0.194 ppbv (J)	0.342 ppbv (J)	0.342 ppbv (J)
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.474 ppbv (J)	0.354 ppbv (J)	0.786 ppbv (J)	1.13 ppbv (J)	0.931 ppbv (J)	0.555 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	2-Propanol	0.916 ppbv (J)	0.648 ppbv (J)	0.639 ppbv (J)	0.643 ppbv (J)	< 0.492 ppbv	0.392 ppbv (J)
	2,2,4-Trimethylpentane	0.0788 ppbv (J)	0.0859 ppbv (J)	< 0.0755 ppbv	< 0.0755 ppbv	< 0.0755 ppbv	0.064 ppbv (J)
	4-Ethyltoluene	0.104 ppbv (J)	0.114 ppbv (J)	0.115 ppbv (J)	0.118 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0685 ppbv	< 0.0685 ppbv	< 0.0685 ppbv	0.069 ppbv (J)	< 0.0685 ppbv	< 0.0685 ppbv
	Acetone	5.06 ppbv	4.9 ppbv	6.74 ppbv	8.97 ppbv	8 ppbv	4.24 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.488 ppbv	0.401 ppbv	0.606 ppbv	0.474 ppbv	0.471 ppbv	0.246 ppbv
	Benzyl Chloride	< 0.0968 ppbv	< 0.0968 ppbv	< 0.0968 ppbv	< 0.0968 ppbv	< 0.0968 ppbv	< 0.0968 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	3.96 ppbv	2.7 ppbv	3.77 ppbv	2.9 ppbv	3.71 ppbv	4.42 ppbv
	Carbon disulfide	0.133 ppbv (J)	0.164 ppbv (J)	1.56 ppbv	0.232 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	Carbon tetrachloride	0.0806 ppbv (J)	0.0682 ppbv (J)	0.0723 ppbv (J)	0.0749 ppbv (J)	0.0659 ppbv (J)	0.0746 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.772 ppbv	0.672 ppbv	0.543 ppbv	0.69 ppbv	0.634 ppbv	0.461 ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv
	Cyclohexane	0.266 ppbv	0.121 ppbv (J)	0.585 ppbv	< 0.0861 ppbv	0.133 ppbv (J)	0.19 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.524 ppbv	0.444 ppbv	0.608 ppbv	0.465 ppbv	0.484 ppbv	0.484 ppbv
	Ethanol	11.49 ppbv	8.38 ppbv	11.04 ppbv	21.8 ppbv	9.5 ppbv	6.11 ppbv
	Ethylbenzene	0.122 ppbv (J)	0.138 ppbv (J)	0.201 ppbv	0.0976 ppbv (J)	< 0.0926 ppbv	< 0.0926 ppbv
	Heptane	0.245 ppbv	0.132 ppbv (J)	0.574 ppbv	0.196 ppbv (J)	0.15 ppbv (J)	0.144 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.377 ppbv (J)	0.386 ppbv (J)	0.955 ppbv	0.377 ppbv (J)	0.111 ppbv (J)	0.163 ppbv (J)
	Methyl Butyl Ketone	0.106 ppbv (J)	0.341 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.262 ppbv	0.157 ppbv (J)	0.223 ppbv	0.136 ppbv	0.248 ppbv	0.184 ppbv (J)
	MTBE	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv	< 0.0909 ppbv
	n-Hexane	0.978 ppbv	0.553 ppbv	1.01 ppbv	0.253 ppbv	0.552 ppbv	0.685 ppbv
	Naphthalene	0.407 ppbv (J)	0.429 ppbv (J)	< 0.156 ppbv	0.155 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	0.125 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.161 ppbv (J)	0.182 ppbv (J)	0.364 ppbv	0.161 ppbv (J)	< 0.0922 ppbv	0.0705 ppbv (J)
	Pentane	1.43 ppbv	1.13 ppbv	1.88 ppbv	1.73 ppbv	1.88 ppbv	1.43 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	0.106 ppbv (J)	0.201 ppbv	0.1 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	0.104 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	0.766 ppbv	0.677 ppbv	1.7 ppbv	1.08 ppbv	0.342 ppbv	0.464 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.241 ppbv	0.203 ppbv	0.196 ppbv (J)	0.269 ppbv	0.213 ppbv	0.209 ppbv
	Vinyl acetate	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

							AS020
		PNTX1128MC020	PNTX1129MC020	PNTX1130MC020	PNTX1201MC020	PNTX1202MC020	PNTX1203MC020
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0937 ppbv	< 0.0937 ppbv	0.0852 ppbv (J)	< 0.0937 ppbv	0.0719 ppbv (J)	< 0.0937 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	0.153 ppbv (J)	0.0747 ppbv (J)	0.129 ppbv (J)	0.123 ppbv (J)
	1,3-Butadiene	< 71 ppbv	< 0.0948 ppbv	< 0.0948 ppbv	< 0.0948 ppbv	1.1 ppbv	0.9 ppbv
	1,3-Dichlorobenzene	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv	< 0.0834 ppbv
	2-Butanone (MEK)	0.612 ppbv (J)	0.358 ppbv (J)	1.11 ppbv (J)	0.467 ppbv (J)	0.426 ppbv (J)	0.668 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	2-Propanol	1.1 ppbv	0.304 ppbv (J)	0.944 ppbv (J)	0.61 ppbv (J)	< 0.982 ppbv	0.426 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	0.131 ppbv (J)	0.116 ppbv (J)
	4-Ethyltoluene	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	0.0394 ppbv (J)	0.111 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	< 0.0665 ppbv	< 0.055 ppbv	0.122 ppbv (J)	< 0.0665 ppbv	0.0665 ppbv (J)	< 0.0665 ppbv
	Acetone	7.46 ppbv	3.86 ppbv	9.24 ppbv	7.38 ppbv	< 55 ppbv	6.52 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv
	Benzene	0.378 ppbv	< 0.0941 ppbv	0.189 ppbv (J)	0.215 ppbv	< 0.941 ppbv	0.314 ppbv
	Benzyl Chloride	< 0.0968 ppbv	< 0.0968 ppbv	< 0.0968 ppbv	< 0.0968 ppbv	< 0.0968 ppbv	< 0.0968 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	1.37 ppbv	1.04 ppbv	5.26 ppbv	7.12 ppbv	1.5 ppbv	14.8 ppbv
	Carbon disulfide	< 0.0934 ppbv	0.565 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.497 ppbv	0.566 ppbv
	Carbon tetrachloride	0.0681 ppbv (J)	0.0692 ppbv (J)	0.0855 ppbv (J)	0.063 ppbv (J)	0.0773 ppbv (J)	0.0707 ppbv (J)
	Chlorobenzene	< 0.0931 ppbv	< 0.0931 ppbv	< 0.0931 ppbv	< 0.0931 ppbv	< 0.0931 ppbv	< 0.0931 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	1.78 ppbv	0.595 ppbv	0.753 ppbv	0.507 ppbv	0.638 ppbv	1.65 ppbv
	cis-1,2-Dichloroethene	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	0.21 ppbv	< 0.98 ppbv	0.23 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.444 ppbv	0.471 ppbv	0.572 ppbv	0.48 ppbv	0.52 ppbv	0.45 ppbv
	Ethanol	11.52 ppbv	2.38 ppbv	5.9 ppbv	4.56 ppbv	7.73 ppbv	8.4 ppbv
	Ethylbenzene	< 0.0868 ppbv	< 0.0868 ppbv	< 0.0868 ppbv	0.108 ppbv (J)	0.117 ppbv (J)	0.167 ppbv (J)
	Heptane	< 0.0826 ppbv	< 0.0826 ppbv	0.236 ppbv	0.196 ppbv (J)	0.42 ppbv	0.28 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	< 0.0946 ppbv	0.0948 ppbv (J)	0.151 ppbv (J)	0.342 ppbv (J)	0.358 ppbv (J)	0.478 ppbv
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	1.21 ppbv (J)
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.119 ppbv (J)	1.41 ppbv	0.245 ppbv	0.186 ppbv	0.249 ppbv	0.166 ppbv (J)
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	0.0896 ppbv (J)
	n-Hexane	0.169 ppbv (J)	0.377 ppbv	0.876 ppbv	0.637 ppbv	1.45 ppbv	0.906 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	0.426 ppbv (J)
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	0.14 ppbv (J)	< 0.983 ppbv	0.189 ppbv (J)
	o-Xylene	< 0.0903 ppbv	< 0.0903 ppbv	0.101 ppbv (J)	0.118 ppbv (J)	0.141 ppbv (J)	0.192 ppbv (J)
	Pentane	0.0881 ppbv	0.32 ppbv	1.38 ppbv	2.8 ppbv	5.28 ppbv	2.65 ppbv
	Propene	3.42 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	0.117 ppbv (J)	0.122 ppbv (J)
	Tetrachloroethylene	< 0.0697 ppbv	0.107 ppbv (J)	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	0.128 ppbv (J)
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	0.397 ppbv	0.0881 ppbv	0.713 ppbv	0.57 ppbv	0.872 ppbv	1.01 ppbv
	trans-1,2-Dichloroethene	< 0.0884 ppbv	< 0.0884 ppbv	< 0.0884 ppbv	< 0.0884 ppbv	< 0.0884 ppbv	< 0.0884 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.218 ppbv	< 0.0977 ppbv	0.243 ppbv	0.21 ppbv	0.242 ppbv	0.217 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS020					AS021
		PNTX1204MC020	PNTX1205MC020	PNTX1206MC020	PNTX1207MC020	PNTX1128MC021	PNTX1129MC021
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0732 ppbv (J)	0.0537 ppbv (J)	0.0537 ppbv (J)	0.0725 ppbv (J)	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.165 ppbv (J)	< 0.0983 ppbv	0.0703 ppbv (J)	< 0.0983 ppbv	0.0838 ppbv (J)	< 0.0983 ppbv
	1,3-Butadiene	0.7 6 ppbv	< 0.0543 ppbv	< 0.0543 ppbv	0.86 ppbv	1.3 ppbv	< 0.0543 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.768 ppbv (J)	0.894 ppbv (J)	1.48 ppbv	0.597 ppbv (J)	1.65 ppbv	0.441 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	0.668 ppbv (J)	0.34 ppbv (J)	< 0.0982 ppbv	1.04 ppbv (J)	1.13 ppbv (J)	< 0.0982 ppbv
	2,2,4-Trimethylpentane	0.508 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	4-Ethyltoluene	0.15 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	0.508 ppbv (J)	< 0.0615 ppbv
	Acetone	4.1 ppbv	8.89 ppbv	9.42 ppbv	< 4.73 ppbv	17.5 ppbv	6.97 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.503 ppbv	0.356 ppbv	0.556 ppbv	0.23 ppbv	0.515 ppbv	0.163 ppbv (J)
	Benzyl Chloride	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv	1.14 ppbv	< 0.0518 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	1.7 ppbv	3.8 ppbv	3.42 ppbv	1.7 ppbv	8.22 ppbv	1.67 ppbv
	Carbon disulfide	0.196 ppbv (J)	< 0.0644 ppbv	0.0887 ppbv (J)	0.285 ppbv	0.565 ppbv	0.107 ppbv (J)
	Carbon tetrachloride	0.0744 ppbv (J)	0.07 ppbv (J)	0.0799 ppbv (J)	0.0776 ppbv (J)	0.0879 ppbv (J)	0.0608 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.615 ppbv	0.615 ppbv	0.737 ppbv	0.776 ppbv	0.762 ppbv	0.604 ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	0.258 ppbv	< 0.0854 ppbv	< 0.0854 ppbv	0.117 ppbv (J)	< 0.0854 ppbv	< 0.0854 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.447 ppbv	0.568 ppbv	0.459 ppbv	0.57 ppbv	0.49 ppbv	0.4 ppbv
	Ethanol	7.45 ppbv	4.68 ppbv	8.08 ppbv	7.35 ppbv	19.9 ppbv	7.45 ppbv
	Ethylbenzene	0.171 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	0.0776 ppbv (J)	0.128 ppbv (J)	< 0.0978 ppbv
	Heptane	0.236 ppbv	0.112 ppbv (J)	0.327 ppbv	0.126 ppbv (J)	< 0.0928 ppbv	< 0.0928 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.7 ppbv	0.153 ppbv (J)	0.24 ppbv (J)	0.176 ppbv (J)	0.369 ppbv (J)	0.125 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.204 ppbv (J)
	Methyl methacrylate	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Methylene Chloride	0.195 ppbv (J)	0.377 ppbv	0.18 ppbv (J)	0.163 ppbv (J)	0.241 ppbv	0.181 ppbv (J)
	MTBE	0.7 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	0.21 5 ppbv	< 0.0905 ppbv
	n-Hexane	0.742 ppbv	0.356 ppbv	0.965 ppbv	0.296 ppbv	0.505 ppbv	0.23 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.24 ppbv	0.0714 ppbv (J)	0.0716 ppbv (J)	0.0714 ppbv (J)	0.137 ppbv (J)	0.0655 ppbv (J)
	Pentane	2.43 ppbv	1.36 ppbv	3.03 ppbv	46.3 ppbv	0.809 ppbv	< 0.0822 ppbv
	Propene	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	2.77 ppbv	< 0.0832 ppbv
	Styrene	0.132 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	0.0816 ppbv (J)	0.0761 ppbv (J)	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	0.175 ppbv (J)
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	1.61 ppbv	0.881 ppbv	0.513 ppbv	0.4 1 ppbv	1.12 ppbv	0.611 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.247 ppbv	0.248 ppbv	0.263 ppbv	0.282 ppbv	0.224 ppbv	0.198 ppbv (J)
	Vinyl acetate	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS021					
		PNTX1110MC021	PNTX1201MC021	PNTX1202MC021	PNTX1203MC021	PNTX1204MC021	PNTX1205MC021
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	< 0.0837 ppbv	0.0706 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	0.0815 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0887 ppbv (J)	< 0.0983 ppbv	0.204 ppbv	0.149 ppbv (J)	0.274 ppbv	0.0831 ppbv (J)
	1,3-Butadiene	< 0.0363 ppbv	< 0.0363 ppbv	2.97 ppbv	17.8 ppbv	25.3 ppbv	5.62 ppbv
	1,3-Dichlorobenzene	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	0.0733 ppbv (J)	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.467 ppbv (J)	0.383 ppbv (J)	1.14 ppbv (J)	0.439 ppbv (J)	0.81 ppbv (J)	1.06 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	< 0.0892 ppbv	0.137 ppbv (J)	1.61 ppbv	0.557 ppbv (J)	0.597 ppbv (J)	< 0.0892 ppbv
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	0.0878 ppbv (J)	0.144 ppbv (J)	0.144 ppbv (J)	< 0.0934 ppbv
	4-Ethyltoluene	< 0.0831 ppbv	< 0.0866 ppbv	0.17 ppbv (J)	0.135 ppbv (J)	< 0.225 ppbv	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	0.718 ppbv (J)	< 0.0615 ppbv	0.0916 ppbv (J)	0.139 ppbv (J)
	Acetone	1.07 ppbv	8.52 ppbv	3.62 ppbv	4.38 ppbv	5.54 ppbv	1.6 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv
	Benzene	0.139 ppbv (J)	0.145 ppbv (J)	0.557 ppbv	0.48 ppbv	0.641 ppbv	0.28 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	1.71 ppbv	3.58 ppbv	4.03 ppbv	10.4 ppbv	13.7 ppbv	2.57 ppbv
	Carbon disulfide	< 0.0934 ppbv	0.136 ppbv (J)	0.33 ppbv	< 0.0934 ppbv	0.166 ppbv (J)	0.183 ppbv (J)
	Carbon tetrachloride	0.0666 ppbv (J)	< 0.0565 ppbv	0.0784 ppbv (J)	0.0634 ppbv (J)	0.0725 ppbv (J)	0.0785 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.498 ppbv	0.751 ppbv	0.898 ppbv	0.578 ppbv	0.55 ppbv	0.496 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv	< 0.0908 ppbv
	Cyclohexane	0.111 ppbv (J)	0.101 ppbv (J)	0.375 ppbv	0.215 ppbv	0.28 ppbv	0.144 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.49 ppbv	0.433 ppbv	0.91 ppbv	0.467 ppbv	0.444 ppbv	0.561 ppbv
	Ethanol	3.38 ppbv	5.24 ppbv	3.68 ppbv	5.23 ppbv	8.77 ppbv	3.36 ppbv
	Ethylbenzene	< 0.0868 ppbv	< 0.0868 ppbv	0.181 ppbv (J)	0.175 ppbv (J)	0.157 ppbv (J)	0.0805 ppbv (J)
	Heptane	0.112 ppbv (J)	0.107 ppbv (J)	0.251 ppbv	0.197 ppbv (J)	0.283 ppbv	0.171 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	< 0.0846 ppbv	< 0.0846 ppbv	0.593 ppbv	0.435 ppbv	0.485 ppbv	0.264 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	0.754 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.162 ppbv (J)	0.165 ppbv (J)	0.251 ppbv	0.116 ppbv	0.156 ppbv (J)	< 0.0701 ppbv
	MTBE	< 0.0569 ppbv	< 0.0569 ppbv	< 0.0569 ppbv	0.147 ppbv (J)	0.93 ppbv	0.28 ppbv
	n-Hexane	0.265 ppbv	< 0.213 ppbv	1.08 ppbv	0.672 ppbv	< 0.704 ppbv	0.345 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	0.892 ppbv	0.226 ppbv (J)	< 0.154 ppbv	0.291 ppbv (J)
	Nonane	< 0.0983 ppbv	0.0639 ppbv (J)	< 0.0983 ppbv	0.113 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	< 0.0869 ppbv	< 0.0869 ppbv	0.214 ppbv	0.198 ppbv (J)	0.211 ppbv	0.077 ppbv (J)
	Pentane	0.688 ppbv	0.578 ppbv	1.88 ppbv	2.08 ppbv	1.67 ppbv	1.05 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	0.791 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	0.161 ppbv (J)	< 0.0965 ppbv	0.164 ppbv (J)	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	0.0329 ppbv (J)	< 0.0497 ppbv	0.297 ppbv
	Tetrahydrofuran	< 0.0678 ppbv	< 0.0678 ppbv	< 0.0678 ppbv	< 0.0678 ppbv	< 0.0678 ppbv	< 0.0678 ppbv
	Toluene	0.263 ppbv	0.267 ppbv	1.41 ppbv	1.1 ppbv	1.15 ppbv	0.484 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.186 ppbv (J)	0.202 ppbv	0.265 ppbv	0.207 ppbv	0.204 ppbv	0.27 ppbv
	Vinyl acetate	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS021					AS022
		PNTX1206MC021	PNTX1207MC021	PNTX1128MC022	PNTX1129MC022	PNTX1130MC022	PNTX1201MC022
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv
	1,1-Dichloroethene	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv	< 0.0495 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0697 ppbv	0.0696 ppbv (J)	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0798 ppbv	< 0.0798 ppbv	< 0.0798 ppbv	< 0.0798 ppbv	< 0.0798 ppbv	< 0.0798 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0631 ppbv (J)	< 0.0983 ppbv	0.101 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	0.0688 ppbv (J)
	1,3-Butadiene	< 0.0553 ppbv	0.47 ppbv (J)	0.785 ppbv (J)	1.55 ppbv (J)	0.698 ppbv (J)	0.583 ppbv (J)
	1,3-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,3,5-Trimethylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.32 ppbv	0.719 ppbv (J)	0.586 ppbv (J)	0.476 ppbv (J)	0.493 ppbv (J)	0.402 ppbv (J)
	2-Chlorotoluene	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv
	2-Propanol	< 0.0982 ppbv	0.373 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.217 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	0.0635 ppbv (J)	< 0.0934 ppbv
	4-Ethyltoluene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	4-Methyl-2-pentanone (MIBK)	0.256 ppbv (J)	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	Acetone	3.49 ppbv	< 4.6 ppbv	3.01 ppbv	< 4.7 ppbv	4.96 ppbv	4.78 ppbv
	Acetonitrile	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv
	Benzene	0.407 ppbv	0.345 ppbv	0.297 ppbv	5.16 ppbv	0.421 ppbv	0.227 ppbv
	Benzyl Chloride	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv	< 0.0938 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv	< 0.0808 ppbv
	Butane	4.66 ppbv	3.3 ppbv	3.93 ppbv	3.83 ppbv	4.93 ppbv	4.94 ppbv
	Carbon disulfide	0.154 ppbv (J)	< 0.0944 ppbv	< 0.221 ppbv	< 0.0944 ppbv	< 0.944 ppbv	< 0.157 ppbv
	Carbon tetrachloride	0.0757 ppbv (J)	0.0761 ppbv (J)	0.077 ppbv (J)	0.0693 ppbv (J)	0.0647 ppbv (J)	0.0927 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.638 ppbv	0.714 ppbv	0.598 ppbv	0.622 ppbv	0.444 ppbv	0.611 ppbv
	cis-1,2-Dichloroethene	< 0.0888 ppbv	< 0.0888 ppbv	0.0705 ppbv (J)	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	cis-1,3-Dichloropropene	< 0.0798 ppbv	< 0.0798 ppbv	< 0.0798 ppbv	< 0.0798 ppbv	< 0.0798 ppbv	< 0.0798 ppbv
	Cyclohexane	0.14 ppbv (J)	0.117 ppbv (J)	< 0.0954 ppbv	< 0.954 ppbv	< 0.954 ppbv	0.204 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.495 ppbv	0.55 ppbv	0.449 ppbv	0.421 ppbv	0.565 ppbv	0.467 ppbv
	Ethanol	7.03 ppbv	4.88 ppbv	8.08 ppbv	4.08 ppbv	8.83 ppbv	8.95 ppbv
	Ethylbenzene	0.0627 ppbv (J)	0.0601 ppbv (J)	< 0.0904 ppbv	< 0.0904 ppbv	< 0.0904 ppbv	0.0636 ppbv (J)
	Heptane	0.181 ppbv (J)	0.11 ppbv (J)	< 0.0839 ppbv	< 0.839 ppbv	0.372 ppbv	0.201 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.182 ppbv (J)	0.162 ppbv (J)	0.215 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	0.151 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.982 ppbv	< 0.982 ppbv	< 0.172 ppbv
	Methyl methacrylate	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv
	Methylene Chloride	0.155 ppbv (J)	0.162 ppbv (J)	< 0.5 ppbv	0.154 ppbv (J)	0.166 ppbv (J)	< 0.471 ppbv
	MTBE	< 0.0905 ppbv	0.128 ppbv (J)	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.535 ppbv	< 0.352 ppbv	0.162 ppbv (J)	0.297 ppbv	0.96 ppbv	0.364 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	0.174 ppbv (J)
	o-Xylene	0.065 ppbv (J)	0.0702 ppbv (J)	0.104 ppbv (J)	< 0.0935 ppbv	< 0.0935 ppbv	0.0909 ppbv (J)
	Pentane	1.56 ppbv	1.17 ppbv	0.758 ppbv	< 0.0858 ppbv	1.81 ppbv	2.64 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	0.0717 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	0.293 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	0.0654 ppbv (J)	< 0.0697 ppbv	2.28 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv	< 0.0708 ppbv
	Toluene	0.532 ppbv	0.488 ppbv	0.435 ppbv	0.07 ppbv	0.464 ppbv	0.319 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	0.0682 ppbv (J)	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.245 ppbv	0.269 ppbv	0.223 ppbv	0.209 ppbv	0.183 ppbv (J)	0.204 ppbv
	Vinyl acetate	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS022					
		PNTX1202MC022	PNTX1203MC022	PNTX1204MC022	PNTX1205MC022	PNTX1206MC022	PNTX1207MC022
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv	< 0.0614 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0732 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	0.0768 ppbv (J)	< 0.0837 ppbv	0.0788 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv	< 0.0676 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0776 ppbv (J)	0.0642 ppbv (J)	0.061 ppbv (J)	< 0.0783 ppbv	0.0715 ppbv (J)	0.0734 ppbv (J)
	1,3-Butadiene	0.573 ppbv (J)	38.7 ppbv	0.582 ppbv (J)	1.25 ppbv (J)	< 0.0692 ppbv	< 0.0692 ppbv
	1,3-Dichlorobenzene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	0.124 ppbv (J)	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	0.103 ppbv (J)
	2-Butanone (MEK)	0.714 ppbv (J)	0.341 ppbv (J)	0.367 ppbv (J)	0.765 ppbv (J)	1.22 ppbv (J)	0.814 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0882 ppbv	0.424 ppbv (J)	0.25 ppbv (J)	0.475 ppbv (J)	1.15 ppbv (J)	< 0.0882 ppbv
	2,2,4-Trimethylpentane	< 0.0934 ppbv	0.0825 ppbv (J)	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	4-Ethyltoluene	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	0.142 ppbv (J)	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	0.178 ppbv (J)	< 0.0955 ppbv
	Acetone	10.4 ppbv	8.69 ppbv	7.45 ppbv	9 ppbv	12 ppbv	7.76 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	1.84 ppbv	1.51 ppbv	1.46 ppbv	0.754 ppbv	1.95 ppbv	0.74 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0608 ppbv	< 0.0608 ppbv	< 0.0608 ppbv	< 0.0608 ppbv	< 0.0608 ppbv	< 0.0608 ppbv
	Butane	4.69 ppbv	38.8 ppbv	3.73 ppbv	8.2 ppbv	4.41 ppbv	4.28 ppbv
	Carbon disulfide	0.13 ppbv (J)	< 0.0944 ppbv	< 0.0944 ppbv	< 0.0944 ppbv	< 0.0944 ppbv	< 0.0944 ppbv
	Carbon tetrachloride	0.0786 ppbv (J)	0.0719 ppbv (J)	0.0698 ppbv (J)	< 0.0785 ppbv	0.079 ppbv (J)	0.0816 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv	< 0.0689 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.637 ppbv	0.602 ppbv	0.758 ppbv	0.79 ppbv	0.58 ppbv	0.701 ppbv
	cis-1,2-Dichloroethene	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	0.236 ppbv	0.246 ppbv	0.119 ppbv (J)	< 0.687 ppbv	0.126 ppbv (J)	< 0.687 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.507 ppbv	0.438 ppbv	0.466 ppbv	0.638 ppbv	0.55 ppbv	0.626 ppbv
	Ethanol	7.43 ppbv	5.03 ppbv	5.06 ppbv	5.91 ppbv	6.83 ppbv	6.11 ppbv
	Ethylbenzene	0.0603 ppbv (J)	0.085 ppbv (J)	0.0655 ppbv (J)	< 0.0905 ppbv	0.0608 ppbv (J)	< 0.0905 ppbv
	Heptane	0.137 ppbv (J)	0.173 ppbv (J)	0.0676 ppbv (J)	0.181 ppbv (J)	0.186 ppbv (J)	0.174 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.243 ppbv (J)	0.183 ppbv (J)	0.136 ppbv (J)	0.14 ppbv (J)	0.192 ppbv (J)	0.172 ppbv (J)
	Methyl Butyl Ketone	0.351 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.141 ppbv	0.212 ppbv	0.117 ppbv (J)	0.507 ppbv	0.405 ppbv	0.161 ppbv (J)
	MTBE	< 0.0909 ppbv	0.202 ppbv	0.11 ppbv (J)	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.785 ppbv	0.704 ppbv	0.366 ppbv	0.575 ppbv	0.401 ppbv	0.25 ppbv
	Naphthalene	0.3 ppbv	0.224 ppbv (J)	0.223 ppbv (J)	0.816 ppbv (J)	< 0.354 ppbv	< 0.354 ppbv
	Nonane	< 0.0983 ppbv	0.0981 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.071 ppbv (J)	0.0897 ppbv (J)	< 0.0868 ppbv	0.0636 ppbv (J)	0.0853 ppbv (J)	0.0865 ppbv (J)
	Pentane	0.772 ppbv	5.67 ppbv	1.08 ppbv	1.72 ppbv	1.84 ppbv	0.97 ppbv
	Propene	11.6 ppbv	70.0 ppbv	8.13 ppbv	4 ppbv	10.9 ppbv	5.0822 ppbv
	Styrene	< 0.0965 ppbv	0.0694 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	0.0661 ppbv (J)	< 0.0497 ppbv	0.141 ppbv (J)
	Tetrahydrofuran	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Toluene	0.532 ppbv	0.888 ppbv	0.535 ppbv	0.46 ppbv	0.683 ppbv	0.709 ppbv
	trans-1,2-Dichloroethene	< 0.0794 ppbv	< 0.0794 ppbv	< 0.0794 ppbv	< 0.0794 ppbv	< 0.0794 ppbv	< 0.0794 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.215 ppbv	0.234 ppbv	0.219 ppbv	0.28 ppbv	0.251 ppbv	0.277 ppbv
	Vinyl acetate	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv	< 0.0859 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

Analytical Method	Analyte	PNTX1129MC023	PNTX1130MC023	PNTX1201MC023	PNTX1202MC023	AS023 PNTX1205MC023	PNTX1204MC023
		Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 (J) ppbv	< 0.0514 ppbv	< 0.0513 (J) ppbv	< 0.0514 (J) ppbv	< 0.0514 (J) ppbv	< 0.0514 (J) ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 (J) ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 (J) ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 (J) ppbv	< 0.0903 ppbv	< 0.0903 (J) ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0756 ppbv (J)	0.102 ppbv (J)	0.0999 ppbv (J)	0.162 ppbv (J)	0.138 ppbv (J)	0.119 ppbv (J)
	1,3-Butadiene	17.4 ppbv	< 0.0553 ppbv	< 0.0553 ppbv	0.66 ppbv	1.93 ppbv	40.2 ppbv
	1,3-Dichlorobenzene	< 0.0897 (J) ppbv	< 0.0897 ppbv	< 0.0897 (J) ppbv	< 0.0897 (J) ppbv	< 0.0897 (J) ppbv	< 0.0897 (J) ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.282 ppbv (J)	0.458 ppbv (J)	0.337 ppbv (J)	1.05 ppbv (J)	0.655 ppbv (J)	0.796 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 (J) ppbv	< 0.0965 ppbv	< 0.0965 (J) ppbv	< 0.0965 (J) ppbv	< 0.0965 ppbv
	2-Propanol	0.367 ppbv (J)	< 0.0492 ppbv	< 0.0492 ppbv	1.93 ppbv	< 0.0492 ppbv	0.653 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 (J) ppbv	< 0.0934 ppbv	< 0.0934 (J) ppbv	< 0.0934 (J) ppbv	0.102 ppbv (J)	0.0725 ppbv (J)
	4-Ethyltoluene	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	0.144 ppbv (J)	0.117 ppbv (J)	0.0943 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	0.977 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv
	Acetone	1.87 ppbv	4.78 ppbv	2.42 ppbv	8.86 ppbv	4.36 ppbv	6.61 ppbv
	Acetonitrile	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv	< 0.285 ppbv
	Acrylonitrile	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv
	Benzene	0.417 ppbv	0.126 ppbv (J)	0.206 ppbv	0.41 ppbv	0.501 ppbv	0.362 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 (J) ppbv	< 0.0969 ppbv	< 0.0969 (J) ppbv	< 0.0969 (J) ppbv	< 0.0969 ppbv
	Butane	6.47 ppbv	1.81 ppbv	3.21 ppbv	4.18 ppbv	8.59 ppbv	16.6 ppbv
	Carbon disulfide	< 0.0944 (J) ppbv	< 0.0944 ppbv	3.44 ppbv	< 0.0944 (J) ppbv	< 0.0944 ppbv	< 0.0944 (J) ppbv
	Carbon tetrachloride	< 0.0628 ppbv	0.0627 ppbv (J)	< 0.0628 ppbv	0.0661 ppbv (J)	0.0647 ppbv (J)	0.073 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.671 ppbv	0.481 ppbv	0.535 ppbv	0.66 ppbv	0.669 ppbv	0.674 (J) ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0956 (J) ppbv	< 0.0956 ppbv	< 0.0956 (J) ppbv	< 0.0956 (J) ppbv	< 0.0956 (J) ppbv	< 0.0956 (J) ppbv
	Cyclohexane	< 0.0574 ppbv	0.116 ppbv (J)	0.227 ppbv	0.513 ppbv	0.25 ppbv	0.21 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.447 ppbv	0.388 ppbv	0.434 ppbv	0.483 ppbv	0.503 ppbv	0.497 ppbv
	Ethanol	4.38 ppbv	4.45 ppbv	3.68 ppbv	13.1 ppbv	4.83 ppbv	8.42 ppbv
	Ethylbenzene	< 0.0868 ppbv	< 0.0868 (J) ppbv	0.0714 ppbv (J)	0.18 ppbv (J)	0.125 ppbv (J)	0.11 ppbv (J)
	Heptane	< 0.0826 ppbv	0.143 ppbv (J)	0.185 ppbv (J)	0.176 ppbv (J)	0.199 ppbv (J)	0.143 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0956 (J) ppbv	< 0.0956 ppbv	< 0.0956 (J) ppbv	< 0.0956 (J) ppbv	< 0.0956 ppbv	< 0.0956 (J) ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.0989 ppbv (J)	0.166 ppbv (J)	0.206 ppbv (J)	0.518 ppbv	0.37 ppbv (J)	0.318 ppbv (J)
	Methyl Butyl Ketone	0.0792 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv	0.566 ppbv (J)	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.167 ppbv (J)	0.152 ppbv (J)	2.33 ppbv	0.105 ppbv	0.104 ppbv (J)	0.0951 (J) ppbv
	MTBE	< 0.0705 ppbv	< 0.0705 ppbv	< 0.0705 ppbv	1.52 ppbv	< 0.0705 ppbv	< 0.0705 ppbv
	n-Hexane	0.177 ppbv (J)	< 0.0704 ppbv	< 0.0704 ppbv	0.587 ppbv	0.624 ppbv	0.55 ppbv
	Naphthalene	< 0.156 ppbv	< 0.156 ppbv	< 0.156 ppbv	0.386 ppbv (J)	0.214 ppbv (J)	< 0.156 ppbv
	Nonane	< 0.0963 ppbv	< 0.0963 ppbv	0.155 ppbv (J)	< 0.0963 ppbv	< 0.0963 ppbv	< 0.0963 ppbv
	o-Xylene	< 0.0869 ppbv	0.0945 ppbv (J)	0.0936 ppbv (J)	0.204 ppbv	0.147 ppbv (J)	0.132 ppbv (J)
	Pentane	< 0.0691 ppbv	0.385 ppbv	1.08 ppbv	0.653 ppbv	1.05 ppbv	2.65 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 (J) ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	0.232 ppbv	0.103 ppbv (J)	0.102 ppbv
	Tetrachloroethylene	< 0.0697 (J) ppbv	< 0.0697 ppbv	< 0.0697 (J) ppbv	< 0.0697 (J) ppbv	< 0.0697 ppbv	< 0.0697 (J) ppbv
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	0.307 ppbv	0.331 ppbv	1.27 ppbv	1.46 ppbv	0.843 ppbv	1.1 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 (J) ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 ppbv	< 0.0935 (J) ppbv	< 0.0935 ppbv	< 0.0935 (J) ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 (J) ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 (J) ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.165 ppbv (J)	0.186 ppbv (J)	0.214 ppbv	0.193 ppbv (J)	0.187 ppbv (J)	0.226 ppbv
	Vinyl acetate	< 0.0939 (J) ppbv	< 0.0939 ppbv	< 0.0939 (J) ppbv	< 0.0939 (J) ppbv	< 0.0939 ppbv	< 0.0939 (J) ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS023					AS024
		PNTX1205MC023	PNTX1206MC023	PNTX1207MC023	PNTX1129MC024	PNTX1130MC024	PNTX1201MC024
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv	< 0.0737 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0728 ppbv (J)	0.0776 ppbv (J)	< 0.0937 ppbv	< 0.0937 ppbv	< 0.0937 ppbv	< 0.0937 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv	< 0.0693 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0716 ppbv (J)	0.0607 ppbv (J)	< 0.0738 ppbv	< 0.0738 ppbv	0.095 ppbv (J)	< 0.0738 ppbv
	1,3-Butadiene	< 0.1 ppbv	< 0.1 ppbv	< 0.1 ppbv	< 0.1 ppbv	< 0.1 ppbv	< 0.1 ppbv
	1,3-Dichlorobenzene	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.09 ppbv (J)	0.957 ppbv (J)	0.886 ppbv (J)	< 0.646 ppbv	0.286 ppbv (J)	< 0.646 ppbv
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0892 ppbv	< 0.0892 ppbv	< 0.0892 ppbv	< 0.0892 ppbv	< 0.0892 ppbv	< 0.0892 ppbv
	2,2,4-Trimethylpentane	< 0.0856 ppbv	< 0.0856 ppbv	< 0.0856 ppbv	< 0.0856 ppbv	0.239 ppbv	< 0.0856 ppbv
	4-Ethyltoluene	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv
	Acetone	7.74 ppbv	6.69 ppbv	4.45 ppbv	5.26 ppbv	3.09 ppbv	7.12 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.418 ppbv	0.33 ppbv	0.314 ppbv	0.112 ppbv (J)	0.139 ppbv (J)	0.194 ppbv (J)
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	1.47 ppbv	4.46 ppbv	4.1 ppbv	1.95 ppbv	1.71 ppbv	3.57 ppbv
	Carbon disulfide	< 0.0564 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	1.46 ppbv	< 0.0564 ppbv	7.55 ppbv
	Carbon tetrachloride	0.0789 ppbv (J)	0.0849 ppbv (J)	0.0809 ppbv (J)	0.0649 ppbv (J)	0.0646 ppbv (J)	0.0657 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	0.0201 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.727 ppbv	0.668 ppbv	0.798 ppbv	0.694 ppbv	0.464 ppbv	0.561 ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv	< 0.0656 ppbv
	Cyclohexane	0.228 ppbv	0.182 ppbv (J)	0.14 ppbv (J)	< 0.687 ppbv	0.132 ppbv (J)	< 0.687 ppbv
	Dibromochloromethane	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv
	Dichlorodifluoromethane	0.544 ppbv	0.533 ppbv	0.551 ppbv	0.429 ppbv	0.407 ppbv	0.497 ppbv
	Ethanol	6.31 ppbv	5.35 ppbv	5.02 ppbv	3.37 ppbv	1.02 ppbv	5.75 ppbv
	Ethylbenzene	0.0809 ppbv (J)	< 0.0878 ppbv	< 0.0878 ppbv	< 0.0878 ppbv	< 0.0878 ppbv	< 0.0878 ppbv
	Heptane	0.246 ppbv	0.155 ppbv (J)	0.116 ppbv (J)	0.0381 ppbv (J)	0.122 ppbv (J)	0.25 ppbv
	Hexachloro-1,3-butadiene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.265 ppbv (J)	0.145 ppbv (J)	0.142 ppbv (J)	< 0.0945 ppbv	0.16 ppbv (J)	0.0848 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv	< 0.0778 ppbv
	Methylene Chloride	0.236 ppbv	0.202 ppbv	0.163 ppbv (J)	0.538 ppbv	0.162 ppbv (J)	0.404 ppbv
	MTBE	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.683 ppbv	0.488 ppbv	0.288 ppbv	0.298 ppbv	0.557 ppbv	1.5 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	0.1 ppbv (J)	< 0.0883 ppbv	< 0.0883 ppbv
	o-Xylene	0.0806 ppbv (J)	0.0657 ppbv (J)	< 0.0878 ppbv	< 0.0878 ppbv	0.0928 ppbv (J)	< 0.0878 ppbv
	Pentane	0.96 ppbv	1.47 ppbv	1.03 ppbv	0.166 ppbv (J)	0.75 ppbv	1.33 ppbv
	Propene	1.75 ppbv	< 0.0832 ppbv	1.76 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv
	Styrene	0.152 ppbv (J)	< 0.0851 ppbv	0.0629 ppbv (J)	< 0.0851 ppbv	< 0.0851 ppbv	< 0.0851 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.477 ppbv	0.388 ppbv	0.365 ppbv	0.138 ppbv	0.275 ppbv	0.371 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.271 ppbv	0.22 ppbv	0.241 ppbv	0.194 ppbv (J)	0.187 ppbv (J)	0.131 ppbv (J)
	Vinyl acetate	< 0.0659 ppbv	< 0.0659 ppbv	< 0.0659 ppbv	< 0.0659 ppbv	< 0.0659 ppbv	< 0.0659 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS024					
		PNTX1202MC024	PNTX1203MC024	PNTX1204MC024	PNTX1205MC024	PNTX1206MC024	PNTX1207MC024
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	0.0787 ppbv (J)	0.0782 ppbv (J)	0.0781 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv	< 0.0883 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.172 ppbv (J)	0.162 ppbv (J)	0.145 ppbv (J)	0.0796 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv
	1,3-Butadiene	1.51 ppbv (J)	5.88 ppbv	< 0.81 ppbv	0.43 ppbv	< 0.0592 ppbv	0.605 ppbv (J)
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.854 ppbv (J)	1.36 ppbv	0.815 ppbv (J)	1.55 ppbv	0.691 ppbv (J)	0.916 ppbv (J)
	2-Chlorotoluene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	2-Propanol	1.61 ppbv	< 0.0492 ppbv	0.692 ppbv (J)	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv
	2,2,4-Trimethylpentane	0.0659 ppbv (J)	0.14 ppbv (J)	0.182 ppbv (J)	0.0645 ppbv (J)	< 0.0455 ppbv	< 0.0455 ppbv
	4-Ethyltoluene	0.143 ppbv (J)	0.135 ppbv (J)	0.12 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	0.623 ppbv (J)	0.0901 ppbv (J)	0.161 ppbv (J)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv
	Acetone	1.6 ppbv	13.2 ppbv	7.04 ppbv	1.4 ppbv	4.8 ppbv	6.27 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	0.475 ppbv	0.513 ppbv	0.607 ppbv	0.615 ppbv	0.5 ppbv	0.377 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	1.86 ppbv	2.26 ppbv	2.75 ppbv	2.88 ppbv	4.43 ppbv	2.7 ppbv
	Carbon disulfide	< 0.0544 ppbv	< 0.0544 ppbv	< 0.0544 ppbv	0.245 ppbv	< 0.0544 ppbv	< 0.0544 ppbv
	Carbon tetrachloride	0.0673 ppbv (J)	0.0613 ppbv (J)	0.0741 ppbv (J)	0.0854 ppbv (J)	0.086 ppbv (J)	0.0629 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.751 ppbv	0.827 ppbv	0.983 ppbv	0.945 ppbv	0.884 ppbv	0.795 ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	0.201 ppbv	0.201 ppbv	0.33 ppbv	0.18 ppbv (J)	0.17 ppbv (J)	< 0.0701 ppbv
	Dibromochloromethane	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv
	Dichlorodifluoromethane	0.461 ppbv	0.481 ppbv	0.435 ppbv	0.451 ppbv	0.55 ppbv	0.477 ppbv
	Ethanol	28.3 ppbv	20.5 ppbv	9.03 ppbv	7.6 ppbv	5.24 ppbv	8.23 ppbv
	Ethylbenzene	0.127 ppbv (J)	0.155 ppbv (J)	0.122 ppbv (J)	0.0857 ppbv (J)	0.0792 ppbv (J)	< 0.0826 ppbv
	Heptane	0.191 ppbv (J)	0.203 ppbv	0.179 ppbv (J)	0.09 ppbv	0.126 ppbv (J)	0.116 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.387 ppbv (J)	0.481 ppbv	0.4 ppbv	0.244 ppbv (J)	0.154 ppbv (J)	0.145 ppbv (J)
	Methyl Butyl Ketone	1.1 ppbv	0.0752 ppbv (J)	< 0.0802 ppbv	0.17 ppbv (J)	< 0.0802 ppbv	< 0.0802 ppbv
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.278 ppbv	0.118 ppbv (J)	0.197 ppbv (J)	0.194 ppbv (J)	0.2 ppbv	0.175 ppbv (J)
	MTBE	0.248 ppbv	< 0.0505 ppbv	0.43 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.551 ppbv	0.561 ppbv	0.557 ppbv	0.652 ppbv	0.453 ppbv	0.336 ppbv
	Naphthalene	< 0.154 ppbv	0.209 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	0.11 ppbv	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv
	o-Xylene	0.167 ppbv (J)	0.192 ppbv (J)	0.17 ppbv (J)	0.11 ppbv (J)	0.0774 ppbv (J)	0.0652 ppbv (J)
	Pentane	0.734 ppbv	2.2 ppbv	0.38 ppbv	2.23 ppbv	1.43 ppbv	1.3 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	7.35 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	0.0683 ppbv (J)	0.0715 ppbv (J)	0.106 ppbv (J)	0.0609 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0697 ppbv	< 0.0697 ppbv	0.465 ppbv	< 0.0697 ppbv	0.0849 ppbv (J)	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	1.04 ppbv	1.37 ppbv	1.02 ppbv	1.33 ppbv	0.836 ppbv	0.396 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.248 ppbv	0.183 ppbv (J)	0.267 ppbv	0.279 ppbv	0.253 ppbv	0.251 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS025					
		PNTX1110MC025	PNTX1201MC025	PNTX1202MC025	PNTX1203MC025	PNTX1204MC025	PNTX1205MC025
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 (U) ppbv	< 0.0514 ppbv	< 0.0514 (U) ppbv	< 0.0514 (U) ppbv	< 0.0514 (U) ppbv	< 0.0514 (U) ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv	< 0.0687 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0275 ppbv	< 0.0275 ppbv	< 0.0275 ppbv	< 0.0275 ppbv	< 0.0275 ppbv	< 0.0275 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 (U) ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 (U) ppbv	< 0.0603 ppbv	< 0.0603 (U) ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0972 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	0.121 ppbv (J)	< 0.0983 ppbv	0.0816 ppbv (J)
	1,3-Butadiene	1.64 ppbv (J)	< 0.0514 ppbv	0.448 ppbv (J)	1.7 ppbv	< 0.0514 ppbv	1.18 ppbv
	1,3-Dichlorobenzene	< 0.0697 (U) ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 (U) ppbv	< 0.0697 ppbv	< 0.0697 (U) ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.392 ppbv (J)	0.37 ppbv (J)	0.335 ppbv (J)	0.68 ppbv (J)	0.516 ppbv (J)	0.784 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 (U) ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0982 ppbv	0.28 ppbv (J)	0.232 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	2,2,4-Trimethylpentane	0.232 ppbv	< 0.0456 ppbv	< 0.0456 ppbv	0.0982 ppbv (J)	< 0.0456 ppbv	< 0.0456 (U) ppbv
	4-Ethyltoluene	< 0.0831 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	0.116 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv
	Acetone	4.41 ppbv	3.27 ppbv	7.79 ppbv	5.08 ppbv	5.95 ppbv	6.75 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 (U) ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 (U) ppbv	< 0.226 ppbv	< 0.226 (U) ppbv	< 0.226 ppbv	< 0.226 (U) ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv
	Benzene	0.128 ppbv (J)	0.102 ppbv (J)	0.259 ppbv	0.697 ppbv	1.1 (+)	0.327 ppbv
	Benzyl Chloride	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv	< 0.0518 ppbv
	Bromodichloromethane	< 0.0335 ppbv	< 0.0335 ppbv	< 0.0335 ppbv	< 0.0335 ppbv	< 0.0335 ppbv	< 0.0335 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	Butane	1.99 ppbv	1.77 ppbv	4.36 ppbv	10.6 ppbv	5.53 ppbv	3.8 ppbv
	Carbon disulfide	< 0.0544 (U) ppbv	< 0.0544 ppbv	0.105 ppbv (J)	< 0.0544 (U) ppbv	< 0.0544 ppbv	< 0.0544 (U) ppbv
	Carbon tetrachloride	0.0618 ppbv (J)	0.0624 ppbv (J)	0.0717 ppbv (J)	< 0.0585 ppbv	0.0759 ppbv (J)	0.0777 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.513 (+)	0.575 ppbv	0.711 ppbv	0.934 ppbv	0.8...5 ppbv	0.709 (+)
	cis-1,2-Dichloroethene	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv	< 0.0389 ppbv
	cis-1,3-Dichloropropene	< 0.0556 (U) ppbv	< 0.0556 ppbv	< 0.0556 (U) ppbv	< 0.0556 (U) ppbv	< 0.0556 ppbv	< 0.0556 (U) ppbv
	Cyclohexane	0.0787 ppbv (J)	< 0.0504 ppbv	0.151 ppbv (J)	0.4 ppbv	0.166 ppbv (J)	0.194 ppbv (J)
	Dibromochloromethane	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv
	Dichlorodifluoromethane	0.408 ppbv	0.438 ppbv	0.441 ppbv	0.413 ppbv	0.467 ppbv	0.456 ppbv
	Ethanol	6.47 ppbv	4.13 ppbv	4.28 ppbv	3.56 ppbv	3.74 ppbv	3.3 ppbv
	Ethylbenzene	< 0.0576 ppbv	< 0.0576 ppbv	< 0.0576 ppbv	0.163 ppbv (J)	< 0.0576 (U) ppbv	0.0662 ppbv (J)
	Heptane	0.131 ppbv (J)	0.0842 ppbv (J)	0.118 ppbv (J)	0.299 ppbv	0.112 ppbv (J)	0.152 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 (U) ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 (U) ppbv	< 0.0955 ppbv	< 0.0955 (U) ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.159 ppbv (J)	< 0.0866 ppbv	0.138 ppbv (J)	0.353 ppbv (J)	0.142 ppbv (J)	0.157 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	0.265 ppbv (J)	< 0.0982 ppbv	0.0699 ppbv (J)	< 0.0982 ppbv	0.102 ppbv (J)
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.195 ppbv (J)	0.201 ppbv	0.192 ppbv (J)	0.134 ppbv (J)	0.104 ppbv (J)	0.307 (+)
	MTBE	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.211 ppbv	0.196 ppbv (J)	0.817 ppbv	0.62 ppbv	0.4...1 ppbv	0.326 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	0.245 ppbv (J)	0.192 ppbv (J)	0.211 ppbv (J)
	Nonane	< 0.0983 ppbv	0.0949 ppbv (J)	0.0758 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.0662 ppbv (J)	< 0.0866 ppbv	< 0.0866 ppbv	0.148 ppbv (J)	< 0.0866 ppbv	0.0668 ppbv (J)
	Pentane	0.988 ppbv	< 0.0688 ppbv	0.188 ppbv	2.36 ppbv	1.17 ppbv	1.63 ppbv (J)
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 (U) ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	0.159 ppbv (J)	< 0.0965 ppbv	0.0705 ppbv (J)
	Tetrachloroethylene	< 0.0697 (U) ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 (U) ppbv	4.35 ppbv	< 0.0697 (U) ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.316 ppbv	0.189 ppbv (J)	0.445 ppbv	0.703 ppbv	0.363 ppbv	0.416 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 (U) ppbv	< 0.0435 ppbv	< 0.0435 (U) ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	0.0761 ppbv (J)	< 0.0545 ppbv
	Trichlorofluoromethane	0.165 ppbv (J)	0.208 ppbv	0.213 ppbv	0.191 ppbv (J)	0.21 ppbv	0.219 ppbv
	Vinyl acetate	< 0.0705 (U) ppbv	< 0.0705 ppbv	< 0.0705 (U) ppbv	< 0.0705 (U) ppbv	< 0.0705 ppbv	< 0.0705 (U) ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS025				AS026	
		PNTX1206MC025	PNTX1207MC025	PNTX1202MC026	PNTX1203MC026	PNTX1204MC026	PNTX1205MC026
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 (J) ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 (J) ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0704 ppbv (J)	0.0758 ppbv (J)	< 0.0937 ppbv	< 0.0937 ppbv	< 0.0937 ppbv	< 0.0937 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 (J) ppbv	< 0.0976 ppbv	< 0.0976 (J) ppbv	< 0.0976 (J) ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 (J) ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 (J) ppbv	< 0.0903 ppbv	< 0.0903 (J) ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	0.105 ppbv (J)	0.0894 ppbv (J)	0.0656 ppbv (J)	0.0736 ppbv (J)
	1,3-Butadiene	< 0.0563 ppbv	< 0.0563 ppbv	0.516 ppbv (J)	1.06 ppbv (J)	0.113 ppbv (J)	< 0.0563 ppbv
	1,3-Dichlorobenzene	< 0.0907 (J) ppbv	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 (J) ppbv	< 0.0907 ppbv	< 0.0907 (J) ppbv
	1,3,5-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv
	1,4-Dichlorobenzene	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv	< 0.0907 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.878 ppbv (J)	0.726 ppbv (J)	0.9 ppbv (J)	1.35 ppbv	0.663 ppbv (J)	1.06 ppbv (J)
	2-Chlorotoluene	< 0.0935 ppbv	< 0.0935 (J) ppbv	< 0.0935 ppbv	< 0.0935 (J) ppbv	< 0.0935 (J) ppbv	< 0.0935 ppbv
	2-Propanol	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.26 ppbv (J)	< 0.0982 ppbv
	2,2,4-Trimethylpentane	< 0.0934 (J) ppbv	0.186 ppbv (J)	0.946 ppbv	0.0921 ppbv (J)	0.0729 ppbv (J)	0.0652 ppbv (J)
	4-Ethyltoluene	< 0.0983 ppbv	< 0.0983 ppbv	0.0923 ppbv (J)	0.0817 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	0.117 ppbv (J)	< 0.0615 ppbv	< 0.0615 (J) ppbv	< 0.0615 ppbv
	Acetone	1.27 ppbv	4.34 ppbv	12.4 ppbv	10.2 ppbv	8.1 ppbv	9.46 ppbv
	Acetonitrile	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv	< 0.295 ppbv
	Acrylonitrile	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv
	Benzene	0.267 ppbv	0.366 ppbv	0.592 ppbv	0.68 ppbv	1.15 ppbv	0.29 ppbv
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 (J) ppbv	< 0.0809 ppbv	< 0.0809 (J) ppbv	< 0.0809 (J) ppbv	< 0.0809 ppbv
	Butane	4.62 ppbv	8.25 ppbv	3.14 ppbv	1.28 ppbv	3.91 ppbv	4.48 ppbv
	Carbon disulfide	< 0.0944 (J) ppbv	< 0.0944 ppbv	< 0.0944 ppbv	0.171 ppbv (J)	< 0.0944 ppbv	< 0.0944 (J) ppbv
	Carbon tetrachloride	0.0846 ppbv (J)	0.0858 ppbv (J)	0.0831 ppbv (J)	0.063 ppbv (J)	0.075 ppbv (J)	0.0783 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv	< 0.0978 ppbv
	Chloromethane	0.688 ppbv	0.797 ppbv	0.592 ppbv	0.644 ppbv	0.641 ppbv	0.751 ppbv
	cis-1,2-Dichloroethene	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv	< 0.0989 ppbv
	cis-1,3-Dichloropropene	< 0.0906 (J) ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 (J) ppbv	< 0.0906 ppbv	< 0.0906 (J) ppbv
	Cyclohexane	0.186 ppbv (J)	< 0.0694 ppbv	0.163 ppbv (J)	0.243 ppbv	0.127 ppbv (J)	0.176 ppbv (J)
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.561 ppbv	0.548 ppbv	0.459 ppbv	0.408 ppbv	0.45 ppbv	0.501 ppbv
	Ethanol	4.85 ppbv	9.19 ppbv	14.8 ppbv	26.4 ppbv	5.89 ppbv	12.3 ppbv
	Ethylbenzene	< 0.0868 ppbv	0.0618 ppbv (J)	0.0677 ppbv (J)	0.105 ppbv (J)	0.0736 ppbv (J)	0.0703 ppbv (J)
	Heptane	0.156 ppbv (J)	0.207 ppbv	0.931 ppbv	0.185 ppbv (J)	0.108 ppbv (J)	0.134 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0956 (J) ppbv	< 0.0956 ppbv	< 0.0956 (J) ppbv	< 0.0956 (J) ppbv	< 0.0956 ppbv	< 0.0956 (J) ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.1 ppbv (J)	0.172 ppbv (J)	0.18 ppbv (J)	0.317 ppbv (J)	0.219 ppbv (J)	0.195 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.145 ppbv (J)	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv	< 0.0975 ppbv
	Methylene Chloride	0.129 ppbv (J)	0.192 ppbv (J)	0.197 ppbv (J)	0.133 ppbv (J)	0.135 ppbv (J)	0.466 ppbv
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.37 ppbv	0.783 ppbv	0.712 ppbv	0.583 ppbv	0.556 ppbv	0.43 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	0.347 ppbv (J)	0.295 ppbv (J)	0.173 ppbv (J)
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	< 0.0868 ppbv	0.0725 ppbv (J)	0.0946 ppbv (J)	0.128 ppbv (J)	0.0897 ppbv (J)	0.0837 ppbv (J)
	Pentane	1.49 ppbv	1.2 ppbv	0.899 ppbv	1.36 ppbv	0.917 ppbv	1.37 ppbv (J)
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0897 (J) ppbv	< 0.0897 ppbv	< 0.0897 (J) ppbv	< 0.0897 (J) ppbv	1.21 ppbv	< 0.0897 (J) ppbv
	Tetrahydrofuran	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Toluene	0.35 ppbv	0.884 ppbv	0.5 ppbv	0.478 ppbv	0.32 ppbv	0.519 ppbv
	trans-1,2-Dichloroethene	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv	< 0.0984 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 (J) ppbv	< 0.0845 ppbv	< 0.0845 ppbv	0.0683 ppbv (J)	< 0.0845 ppbv
	Trichlorofluoromethane	0.224 ppbv	0.248 ppbv	0.213 ppbv	0.186 ppbv (J)	0.21 ppbv	0.219 ppbv
	Vinyl acetate	< 0.0939 (J) ppbv	< 0.0939 ppbv	< 0.0939 (J) ppbv	< 0.0939 (J) ppbv	< 0.0939 ppbv	< 0.0939 (J) ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv	< 0.0637 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS026				AS027	
		PNTX1206MC026	PNTX1207MC026	PNTX1202MC027	PNTX1203MC027	PNTX1204MC027	PNTX1205MC027
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0756 ppbv (J)	0.0737 ppbv (J)	< 0.0937 ppbv	< 0.0937 ppbv	< 0.0937 ppbv	< 0.0937 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv	< 0.0903 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	< 0.0492 ppbv	0.0776 ppbv (J)	0.0652 ppbv (J)	1.98 ppbv
	1,3-Butadiene	0.455 ppbv (J)	< 0.0552 ppbv	2.47 ppbv	0.18 ppbv	133 ppbv	< 0.0552 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	0.498 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.856 ppbv (J)	0.664 ppbv (J)	0.401 ppbv (J)	0.696 ppbv (J)	0.754 ppbv (J)	0.794 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	0.491 ppbv (J)	< 0.0592 ppbv	< 0.0592 ppbv	< 0.0592 ppbv	1.44 ppbv	< 0.0592 ppbv
	2,2,4-Trimethylpentane	< 0.0934 ppbv	0.0708 ppbv (J)	0.0878 ppbv (J)	0.107 ppbv (J)	0.175 ppbv (J)	5.62 ppbv
	4-Ethyltoluene	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	< 0.0866 ppbv	1.93 ppbv
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv	< 0.0615 ppbv
	Acetone	4.72 ppbv	4.75 ppbv	3.47 ppbv	4.38 ppbv	4.74 ppbv	6.68 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.881 ppbv	0.388 ppbv	0.912 ppbv	0.455 ppbv	1.05 ppbv	4.84 ppbv
	Benzyl Chloride	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv	< 0.0969 ppbv
	Butane	6.72 ppbv	8.82 ppbv	9.93 ppbv	14.7 ppbv	27.2 ppbv	16.7 ppbv
	Carbon disulfide	< 0.0564 ppbv	< 0.0564 ppbv	< 0.156 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	< 0.0564 ppbv
	Carbon tetrachloride	0.0841 ppbv (J)	0.0801 ppbv (J)	< 0.0956 ppbv	0.0642 ppbv (J)	0.0688 ppbv (J)	0.0764 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.655 ppbv	0.641 ppbv	0.519 ppbv	0.535 ppbv	0.625 ppbv	1.26 ppbv
	cis-1,2-Dichloroethene	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	cis-1,3-Dichloropropene	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv	< 0.0906 ppbv
	Cyclohexane	0.18 ppbv (J)	0.136 ppbv (J)	0.375 ppbv	0.261 ppbv	0.154 ppbv (J)	1.47 ppbv
	Dibromochloromethane	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv	< 0.0404 ppbv
	Dichlorodifluoromethane	0.542 ppbv	0.518 ppbv	0.473 ppbv	0.412 ppbv	0.463 ppbv	0.612 ppbv
	Ethanol	4.42 ppbv	3.33 ppbv	4.38 ppbv	3.73 ppbv	8.38 ppbv	4.01 ppbv
	Ethylbenzene	< 0.0876 ppbv	< 0.0876 ppbv	0.0886 ppbv (J)	0.138 ppbv (J)	0.0818 ppbv (J)	1.51 ppbv
	Heptane	0.192 ppbv (J)	0.111 ppbv (J)	0.192 ppbv (J)	0.155 ppbv (J)	0.128 ppbv (J)	8.77 ppbv
	Hexachloro-1,3-butadiene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	0.151 ppbv (J)
	m&p-Xylene	< 0.0846 ppbv	0.124 ppbv (J)	0.222 ppbv (J)	0.228 ppbv (J)	0.199 ppbv (J)	5.69 ppbv
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.157 ppbv (J)
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.265 ppbv	0.288 ppbv	0.398 ppbv	0.156 ppbv	0.172 ppbv (J)	0.105 ppbv
	MTBE	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.615 ppbv	0.393 ppbv	0.836 ppbv	0.621 ppbv	0.475 ppbv	2.11 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	0.226 ppbv (J)	0.763 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	< 0.0869 ppbv	< 0.0869 ppbv	0.0736 ppbv (J)	0.0934 ppbv (J)	0.0816 ppbv (J)	2.16 ppbv
	Pentane	1.34 ppbv	0.363 ppbv	1.38 ppbv	1.55 ppbv	1.47 ppbv	17 ppbv (J)
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	< 0.0965 ppbv	0.215 ppbv	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.347 ppbv	0.0961 ppbv	0.583 ppbv	0.591 ppbv	0.53 ppbv	15.6 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.245 ppbv	0.203 ppbv	0.197 ppbv (J)	0.191 ppbv (J)	0.234 ppbv	0.204 ppbv
	Vinyl acetate	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv	< 0.0939 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS027				AS028	
		PNTX1206MC027	PNTX1207MC027	PNTX1202MC028	PNTX1203MC028	PNTX1204MC028	PNTX1205MC028
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 (J) ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 (J) ppbv	< 0.0514 ppbv	< 0.0514 (J) ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0857 ppbv (J)	0.0807 ppbv (J)	0.0785 ppbv (J)	< 0.0767 ppbv	< 0.0767 ppbv	0.071 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 (J) ppbv	< 0.0376 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 (J) ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 (J) ppbv	< 0.0603 ppbv	< 0.0603 (J) ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 (J) ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0758 ppbv (J)	0.0638 ppbv (J)	0.0843 ppbv (J)	0.121 ppbv (J)	< 0.0905 (J) ppbv	0.0791 (J) ppbv
	1,3-Butadiene	0.976 ppbv (J)	< 0.0552 ppbv	1.32 ppbv (J)	85.4 ppbv	0.337 ppbv (J)	< 0.0552 ppbv
	1,3-Dichlorobenzene	< 0.0697 (J) ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 (J) ppbv	< 0.0697 ppbv	< 0.0697 (J) ppbv
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	0.0911 ppbv (J)
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.78 ppbv	0.718 ppbv (J)	0.903 ppbv (J)	0.553 ppbv (J)	0.575 ppbv (J)	0.775 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 (J) ppbv	< 0.0805 ppbv
	2-Propanol	0.802 ppbv (J)	< 0.0992 ppbv	1.27 ppbv	< 0.0992 ppbv	< 0.0992 ppbv	< 0.0992 ppbv
	2,2,4-Trimethylpentane	0.074 ppbv	0.0859 ppbv (J)	< 0.0755 ppbv	0.0623 ppbv (J)	< 0.0755 ppbv	1.44 ppbv
	4-Ethyltoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	0.107 ppbv (J)	< 0.0805 ppbv	0.275 ppbv
	4-Methyl-2-pentanone (MIBK)	0.111 ppbv (J)	< 0.0755 ppbv	0.0808 ppbv (J)	< 0.0755 ppbv	< 0.0755 (J) ppbv	< 0.0755 ppbv
	Acetone	4.72 ppbv	5.8 ppbv	7.15 ppbv	8.98 ppbv	4.12 ppbv	4.62 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.364 ppbv	0.711 ppbv	0.505 ppbv	0.474 ppbv	0.701 (J) ppbv	0.574 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 (J) ppbv	< 0.0809 ppbv
	Butane	0.7 ppbv	4.38 ppbv	7.16 ppbv	10.6 ppbv	4.99 ppbv	7.6 ppbv
	Carbon disulfide	< 0.0544 (J) ppbv	< 0.0544 ppbv	< 0.0544 ppbv	0.718 ppbv	< 0.0544 ppbv	< 0.0544 (J) ppbv
	Carbon tetrachloride	0.0832 ppbv (J)	0.0896 ppbv (J)	0.0832 ppbv (J)	0.06 ppbv (J)	0.0618 ppbv (J)	0.0773 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv
	Chloromethane	0.628 ppbv	0.788 ppbv	0.545 ppbv	0.488 ppbv	0.592 ppbv	0.674 (J) ppbv
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0556 (J) ppbv	< 0.0556 ppbv	< 0.0556 ppbv	< 0.0556 (J) ppbv	< 0.0556 ppbv	< 0.0556 (J) ppbv
	Cyclohexane	0.181 ppbv (J)	0.21 ppbv	0.148 ppbv (J)	< 0.0574 ppbv	< 0.0574 ppbv	0.2 ppbv
	Dibromochloromethane	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv	< 0.0414 ppbv
	Dichlorodifluoromethane	0.547 ppbv	0.564 ppbv	0.475 ppbv	0.405 ppbv	0.403 ppbv	0.56 ppbv
	Ethanol	27.8 ppbv	4.37 ppbv	33.6 ppbv	1.33 ppbv	1.83 ppbv	2.83 ppbv
	Ethylbenzene	0.0862 ppbv (J)	< 0.0578 ppbv	0.0899 ppbv (J)	0.134 ppbv (J)	0.0647 ppbv (J)	0.571 ppbv
	Heptane	0.244 ppbv	0.153 ppbv (J)	0.128 ppbv (J)	0.209 ppbv	0.181 ppbv (J)	1.76 ppbv
	Hexachloro-1,3-butadiene	< 0.0956 (J) ppbv	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 (J) ppbv	< 0.0956 ppbv	< 0.0956 (J) ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.195 ppbv (J)	0.156 ppbv (J)	0.217 ppbv (J)	0.407 ppbv	0.198 ppbv (J)	1.85 ppbv
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.126 ppbv (J)
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.618 ppbv	0.171 ppbv (J)	2.58 ppbv	0.102 ppbv (J)	0.215 ppbv	0.169 ppbv (J)
	MTBE	0.07 ppbv	< 0.0505 ppbv	0.233 ppbv	< 0.0505 ppbv	< 0.0505 ppbv	< 0.0505 ppbv
	n-Hexane	0.725 ppbv	0.501 ppbv	1.24 ppbv	0.627 ppbv	0.551 (J) ppbv	3.51 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.0637 ppbv (J)	0.0664 ppbv (J)	0.108 ppbv (J)	0.164 ppbv (J)	0.0807 ppbv (J)	0.486 ppbv
	Pentane	2.61 ppbv	1.43 ppbv	3.17 ppbv	1.37 ppbv	2.1 ppbv	4.47 ppbv (J)
	Propene	1.71 (J) ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 (J) ppbv	< 0.0832 ppbv
	Styrene	0.0722 ppbv (J)	< 0.0801 ppbv	0.106 ppbv (J)	0.17 ppbv (J)	< 0.0801 ppbv	< 0.0801 ppbv
	Tetrachloroethylene	0.156 ppbv (J)	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 (J) ppbv	< 0.0697 ppbv	< 0.0697 (J) ppbv
	Tetrahydrofuran	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv	< 0.0588 ppbv
	Toluene	1.17 ppbv	0.436 ppbv	0.873 ppbv	0.983 ppbv	0.681 ppbv	3 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 (J) ppbv
	Trichloroethylene	< 0.0545 ppbv	0.0729 ppbv (J)	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 (J) ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.222 ppbv	0.256 ppbv	0.222 ppbv	0.186 ppbv (J)	0.191 ppbv (J)	0.226 ppbv
	Vinyl acetate	< 0.0639 (J) ppbv	< 0.0639 ppbv	< 0.0639 (J) ppbv	< 0.0639 (J) ppbv	< 0.0639 ppbv	< 0.0639 (J) ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS028				AS029	
		PNTX1206MC028	PNTX1207MC028	PNTX1202MC029	PNTX1203MC029	PNTX1204MC029	PNTX1205MC029
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 [...] v	< 0.0514 [...]	< 0.0514 [...]	< 0.0514 [...] ppbv	< 0.0514 [...] ppbv	< 0.0514 [...] v
	1,1-Dichloroethene	< 0.049 [...] v	< 0.049 ppbv	< 0.049 [...]	< 0.049 ppbv	< 0.049 ppbv	< 0.049 [...]
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 [...]	< 0.0855 [...]	< 0.0855 [...] ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0697 ppbv	< 0.0697 [...]	< 0.0697 [...]	< 0.0697 [...] ppbv	< 0.0697 ppbv	< 0.0697 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0715 ppbv (J)	0.0715 ppbv (J)	< 0.0687 [...]	< 0.0687 ppbv	< 0.0687 ppbv	0.0709 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 [...]	< 0.0976 [...]	< 0.0976 ppbv	< 0.0976 [...]	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 [...]	< 0.0785 [...]	< 0.0785 [...] ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 [...]	< 0.0603 [...]	< 0.0603 [...] ppbv	< 0.0603 ppbv	< 0.0603 [...]
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 [...]	< 0.0618 [...]	< 0.0618 ppbv	< 0.0618 [...] ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 [...]	< 0.0888 [...]	< 0.0888 [...] ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 [...]	< 0.0458 [...]	< 0.0458 [...] ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 [...] ppbv	< 0.148 ppbv	< 0.148 [...]
	1,2,4-Trimethylbenzene	0.112 ppbv (J)	< 0.0983 [...]	< 0.0983 [...]	0.101 ppbv (J)	< 0.0983 [...]	0.178 ppbv (J)
	1,3-Butadiene	< 0.0563 ppbv	0.383 ppbv (J)	< 0.0563 [...]	17.4 ppbv	< 0.0563 ppbv	2.65 ppbv
	1,3-Dichlorobenzene	< 0.0807 [...] v	< 0.0807 [...]	< 0.0807 [...]	< 0.0807 [...] ppbv	< 0.0807 [...] ppbv	< 0.0807 [...]
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 [...]	< 0.0831 [...]	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 [...]	< 0.0837 [...]	< 0.0837 [...] ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 [...]	< 0.0554 [...]	< 0.0554 [...] ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	0.368 ppbv (J)	0.607 ppbv (J)	0.454 ppbv (J)	1.16 ppbv (J)	0.311 ppbv (J)	1.18 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 [...]	< 0.0805 [...]	< 0.0805 [...] ppbv	< 0.0805 [...] ppbv	< 0.0805 ppbv
	2-Propanol	< 0.0892 ppbv	< 0.0892 [...]	0.91 ppbv (J)	< 0.0892 [...] ppbv	< 0.0892 ppbv	< 0.0892 ppbv
	2,2,4-Trimethylpentane	< 0.0956 [...] v	< 0.0956 [...]	< 0.0956 [...]	0.0725 ppbv (J)	< 0.0956 ppbv	0.195 ppbv (J)
	4-Ethyltoluene	< 0.0831 ppbv	< 0.0831 [...]	< 0.0831 [...]	0.0756 ppbv (J)	< 0.0831 [...] ppbv	0.0952 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	0.104 ppbv (J)	< 0.0955 ppbv	< 0.0955 ppbv	0.103 ppbv (J)	< 0.0955 [...]	< 0.0955 ppbv
	Acetone	14.6 ppbv	1.2 ppbv	5.92 [...]	18.2 ppbv	4.19 ppbv	7.61 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 [...] ppbv	< 0.235 ppbv	< 0.235 [...]
	Acrylonitrile	< 0.226 [...] v	< 0.226 ppbv	< 0.226 [...]	< 0.226 ppbv	< 0.226 [...] v	< 0.226 [...] ppbv
	Allyl chloride	< 0.0549 ppbv	< 0.0549 [...]	< 0.0549 [...]	< 0.0549 [...] ppbv	< 0.0549 ppbv	< 0.0549 [...] ppbv
	Benzene	0.424 ppbv	0.418 [...]	0.331 [...]	1.2 ppbv	1.6 [...] v	0.662 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 [...]	< 0.0598 [...]	< 0.0598 ppbv	< 0.0598 [...] ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 [...]	< 0.0835 [...]	< 0.0835 [...] ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 [...]	< 0.0738 [...]	< 0.0738 [...] ppbv	< 0.0738 [...] ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 [...]	< 0.0609 [...]	< 0.0609 [...] ppbv	< 0.0609 [...] ppbv	< 0.0609 ppbv
	Butane	1.94 ppbv	15.4 ppbv	2.22 [...]	10.8 ppbv	2.45 ppbv	16.8 ppbv
	Carbon disulfide	0.572 ppbv	< 0.0544 [...]	< 0.227 ppbv	< 0.0544 [...] ppbv	< 0.0544 ppbv	< 0.0544 [...]
	Carbon tetrachloride	0.0769 ppbv (J)	0.0769 ppbv (J)	0.0788 ppbv (J)	0.0615 ppbv (J)	0.0627 ppbv (J)	0.0774 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 [...]	< 0.0831 [...]	< 0.0831 [...] ppbv	< 0.0831 [...] ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 [...]	< 0.0489 [...]	< 0.0489 [...] ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 [...]	< 0.0674 [...]	< 0.0674 [...] ppbv	< 0.0674 [...] ppbv	< 0.0674 [...] ppbv
	Chloromethane	0.655 [...] v	0.655 [...]	0.67 [...]	0.994 ppbv	0.971 ppbv	0.801 [...] v
	cis-1,2-Dichloroethene	< 0.0589 ppbv	< 0.0589 [...]	< 0.0589 [...]	< 0.0589 [...] ppbv	< 0.0589 [...] ppbv	< 0.0589 ppbv
	cis-1,3-Dichloropropene	< 0.0956 [...] v	< 0.0956 [...]	< 0.0956 [...]	< 0.0956 [...] ppbv	< 0.0956 ppbv	< 0.0956 [...] v
	Cyclohexane	< 0.0574 ppbv	< 0.0574 [...]	0.184 ppbv (J)	< 0.0574 [...] ppbv	0.166 ppbv (J)	0.444 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 [...]	< 0.0814 [...]	< 0.0814 [...] ppbv	< 0.0814 [...] ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	< 0.0621 ppbv	0.503 [...]	0.494 [...]	0.409 ppbv	0.412 ppbv	0.502 ppbv
	Ethanol	5.8 ppbv	2.73 ppbv	5.08 [...]	4.93 ppbv	8.01 ppbv	11.5 ppbv
	Ethylbenzene	0.0686 ppbv (J)	< 0.0575 [...]	< 0.0575 [...]	0.124 ppbv (J)	< 0.0575 [...] ppbv	0.0995 ppbv (J)
	Heptane	0.194 ppbv (J)	0.269 [...]	< 0.0826 [...]	0.223 ppbv	0.108 ppbv (J)	0.281 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 [...] v	< 0.0955 ppbv	< 0.0955 [...]	< 0.0955 [...] ppbv	< 0.0955 ppbv	< 0.0955 [...] v
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 [...]	< 0.0983 [...]	< 0.0983 ppbv	< 0.0983 [...] ppbv	< 0.0983 ppbv
	m&p-Xylene	0.275 ppbv (J)	0.104 ppbv (J)	0.126 ppbv (J)	0.283 ppbv (J)	0.123 ppbv (J)	0.305 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 [...]	< 0.0982 [...]	< 0.0982 [...] ppbv	< 0.0982 ppbv	0.0987 ppbv (J)
	Methyl methacrylate	< 0.0975 [...] v	< 0.0975 [...]	< 0.0975 [...]	< 0.0975 ppbv	< 0.0975 [...] ppbv	< 0.0975 [...] v
	Methylene Chloride	0.137 ppbv (J)	0.135 ppbv (J)	< 0.0968 [...]	0.169 ppbv (J)	0.272 ppbv	0.0951 [...] v
	MTBE	< 0.0905 ppbv	< 0.0905 [...]	< 0.0905 [...]	< 0.0905 [...] ppbv	< 0.0905 ppbv	< 0.0905 ppbv
	n-Hexane	0.484 ppbv	1.13 [...] v	0.451 ppbv	0.744 ppbv	0.54 ppbv	1.05 ppbv
	Naphthalene	< 0.154 [...] v	< 0.154 ppbv	< 0.154 ppbv	0.305 ppbv (J)	0.235 ppbv (J)	0.33 ppbv (J)
	Nonane	< 0.0983 ppbv	< 0.0983 [...]	< 0.0983 [...]	< 0.0983 [...] ppbv	< 0.0983 [...] ppbv	< 0.0983 ppbv
	o-Xylene	0.112 ppbv (J)	< 0.0922 [...]	< 0.0922 [...]	0.1 ppbv (J)	< 0.0922 ppbv	0.123 ppbv (J)
	Pentane	2.27 ppbv	5.17 ppbv	0.778 ppbv	2.21 [...] v	1 ppbv	2.95 ppbv (J)
	Propene	< 0.0932 ppbv	< 0.0932 [...]	< 0.0932 [...]	< 0.0932 [...] ppbv	< 0.0932 [...] ppbv	14.6 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 [...]	< 0.0965 [...]	0.191 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	1.55 ppbv	< 0.0697 [...]	< 0.0697 [...]	< 0.0697 [...] ppbv	0.167 ppbv (J)	< 0.0697 [...] v
	Tetrahydrofuran	< 0.0708 ppbv	< 0.0708 [...]	< 0.0708 [...]	< 0.0708 [...] ppbv	< 0.0708 ppbv	< 0.0708 ppbv
	Toluene	0.633 [...] v	0.888 [...]	0.391 [...]	0.633 ppbv	0.441 ppbv	0.761 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 [...]	< 0.0484 [...]	< 0.0484 [...] ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 [...]	< 0.0835 [...]	< 0.0835 [...] ppbv	< 0.0835 ppbv	< 0.0835 [...] ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 [...]	< 0.0845 [...]	< 0.0845 [...] ppbv	< 0.0845 [...] ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.241 [...] v	0.248 [...]	0.213 [...]	0.183 ppbv (J)	0.196 ppbv (J)	0.216 ppbv
	Vinyl acetate	< 0.0939 [...] v	< 0.0939 [...]	< 0.0939 [...]	< 0.0939 [...] ppbv	< 0.0939 ppbv	< 0.0939 [...] v
	Vinyl Bromide	< 0.0727 ppbv	< 0.0727 [...]	< 0.0727 [...]	< 0.0727 ppbv	< 0.0727 ppbv	< 0.0727 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 [...]	< 0.0497 [...]	< 0.0497 [...] ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS029		AS030-1	AS030-2	AS030-3	AS030-4
		PNTX1206MC029	PNTX1207MC029	PNTX1203MC030GHS1	PNTX1203MC030GHS2	PNTX1203MC030GHS3	PNTX1203MC030GHS4
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 (U) ppbv	< 0.0514 ppbv	< 0.0513 (U) ppbv	< 0.0514 (U) ppbv	< 0.0513 (U) ppbv	< 0.0514 (U) ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv	< 0.0855 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0788 ppbv (J)	0.0812 ppbv (J)	0.0834 ppbv (J)	0.0795 ppbv (J)	0.0706 ppbv (J)	0.0724 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv	< 0.0976 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv	< 0.0888 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	< 0.0492 ppbv	0.196 ppbv (J)	0.172 ppbv	0.208 ppbv	0.181 ppbv
	1,3-Butadiene	< 0.0363 ppbv	< 0.0363 ppbv	14.1 ppbv	19.3 ppbv	13.1 ppbv	27.2 ppbv
	1,3-Dichlorobenzene	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv	< 0.0897 ppbv
	1,3,5-Trimethylbenzene	< 0.0611 ppbv	< 0.0611 ppbv	0.0662 ppbv (J)	0.0637 ppbv (J)	0.0637 ppbv (J)	0.0747 ppbv (J)
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.04 ppbv (J)	0.688 ppbv (J)	0.85 ppbv (J)	1.19 ppbv (J)	1.78 ppbv	0.87 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0882 ppbv	0.407 ppbv (J)	260 ppbv (J)	207 ppbv (J)	317 ppbv (J)	9.64 ppbv
	2,2,4-Trimethylpentane	< 0.0934 (U) ppbv	< 0.0934 ppbv	0.154 ppbv (J)	0.144 ppbv (J)	0.15 ppbv (J)	0.307 ppbv
	4-Ethyltoluene	< 0.0611 ppbv	< 0.0611 ppbv	0.185 ppbv (J)	0.196 ppbv (J)	0.117 ppbv (J)	0.164 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	< 0.0615 ppbv	0.0841 ppbv (J)	0.152 ppbv (J)	0.184 ppbv (J)	< 0.0615 ppbv
	Acetone	5.66 ppbv	5.73 ppbv	28 ppbv	20.8 ppbv	21.3 ppbv	11.6 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 (U) ppbv	< 0.226 ppbv	< 0.226 (U) ppbv	< 0.226 ppbv	< 0.226 (U) ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv	< 0.0549 ppbv
	Benzene	0.268 ppbv	0.257 ppbv	0.647 ppbv	0.711 ppbv	0.745 ppbv	0.627 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	4.67 ppbv	5.27 ppbv	37.6 ppbv	19.3 ppbv	25.3 ppbv	14.5 ppbv
	Carbon disulfide	< 0.0564 (U) ppbv	< 0.0564 ppbv	< 0.0563 (U) ppbv	< 0.0564 (U) ppbv	< 0.0563 (U) ppbv	< 0.0564 (U) ppbv
	Carbon tetrachloride	0.0826 ppbv (J)	0.0857 ppbv (J)	0.083 ppbv (J)	0.0813 ppbv (J)	0.0809 ppbv (J)	0.0815 ppbv (J)
	Chlorobenzene	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv	< 0.0921 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	0.791 ppbv	< 0.0974 ppbv	< 0.0974 ppbv	< 0.0974 ppbv	0.184 ppbv	0.282 ppbv
	Chloromethane	0.656 (U) ppbv	0.744 ppbv	0.795 ppbv	0.649 ppbv	0.973 ppbv	0.656 (U) ppbv
	cis-1,2-Dichloroethene	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv
	cis-1,3-Dichloropropene	< 0.0906 (U) ppbv	< 0.0906 ppbv	< 0.0906 (U) ppbv	< 0.0906 (U) ppbv	< 0.0906 (U) ppbv	< 0.0906 (U) ppbv
	Cyclohexane	0.136 ppbv (J)	< 0.0604 ppbv	0.351 ppbv	0.245 ppbv	0.262 ppbv	0.256 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.512 ppbv	0.501 ppbv	0.545 ppbv	0.615 ppbv	0.547 ppbv	0.616 ppbv
	Ethanol	4.89 ppbv	3.36 ppbv	304 ppbv (J)	92.6 ppbv	122 ppbv (J)	7.54 ppbv
	Ethylbenzene	0.108 ppbv (J)	< 0.0976 ppbv	0.175 ppbv (J)	0.17 ppbv (J)	0.159 ppbv (J)	0.0976 (U) ppbv
	Heptane	0.143 ppbv (J)	0.11 ppbv (J)	0.4 ppbv	0.251 ppbv	0.45 ppbv	0.294 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 (U) ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 (U) ppbv	< 0.0955 ppbv	< 0.0955 (U) ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.388 ppbv (J)	0.347 ppbv (J)	0.566 ppbv	0.535 ppbv	0.581 ppbv	0.466 ppbv
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.171 (U) ppbv	0.176 ppbv (J)	0.255 ppbv	0.112 ppbv	0.266 ppbv	0.171 ppbv (J)
	MTBE	< 0.0709 ppbv	< 0.0709 ppbv	0.295 ppbv	0.705 ppbv	0.409 ppbv	0.126 ppbv (J)
	n-Hexane	0.465 ppbv	0.267 ppbv	1.17 ppbv	0.857 ppbv	0.957 ppbv	0.822 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	0.155 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.0919 ppbv (J)	0.0659 ppbv (J)	0.212 ppbv	0.217 ppbv	0.202 ppbv	0.196 ppbv
	Pentane	1.38 ppbv	1.38 ppbv	4.08 ppbv	2.95 ppbv	3.64 ppbv	2.23 ppbv
	Propene	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv	< 0.0832 ppbv
	Styrene	< 0.0965 ppbv	< 0.0965 ppbv	0.172 ppbv (J)	0.164 ppbv (J)	0.163 ppbv (J)	< 0.0965 ppbv
	Tetrachloroethylene	0.0946 ppbv (J)	< 0.0697 ppbv	0.626 ppbv	0.0749 ppbv (J)	0.0721 ppbv (J)	< 0.0697 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.324 ppbv	0.401 ppbv	1.43 ppbv	1.38 ppbv	1.24 ppbv	1.07 ppbv
	trans-1,2-Dichloroethene	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv	< 0.0464 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.241 ppbv	0.248 ppbv	0.252 ppbv	0.202 ppbv	0.232 ppbv	0.221 ppbv
	Vinyl acetate	< 0.0939 (U) ppbv	< 0.0939 ppbv	< 0.0939 (U) ppbv	< 0.0939 (U) ppbv	< 0.0939 (U) ppbv	< 0.0939 (U) ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS030-4					AS030-5
		PNTX1204MC030GHS1	PNTX1205MC030GHS1	PNTX1206MC030GHS1	PNTX1207MC030GHS1	PNTX1203MC030GHS5	PNTX1204MC030GHS2
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 (< 0.21 ug/m3)	< 0.0514 ppbv	< 0.0514 (< 0.21 ug/m3)	< 0.0514 (< 0.21 ug/m3)	< 0.0514 ppbv	< 0.0514 (< 0.21 ug/m3)
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv	< 0.0915 ppbv
	1,1,2-Trichloroethane	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv	< 0.0287 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0777 ppbv (J)	< 0.0827 ppbv	0.0828 ppbv (J)	0.075 ppbv (J)	0.0737 ppbv (J)	0.0715 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 (< 0.36 ug/m3)	< 0.0603 ppbv	< 0.0603 (< 0.36 ug/m3)	< 0.0603 (< 0.36 ug/m3)	< 0.0603 ppbv	< 0.0603 (< 0.36 ug/m3)
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.141 ppbv (J)	0.067 ppbv (J)	0.105 ppbv (J)	0.0972 ppbv (J)	0.124 ppbv (J)	< 0.0483 ppbv
	1,3-Butadiene	< 7.2 ppbv	1.3 ppbv	< 0.0965 ppbv	1.54 ppbv (J)	24.1 ppbv	< 1.9 ppbv
	1,3-Dichlorobenzene	< 0.0597 (< 0.36 ug/m3)	< 0.0597 ppbv	< 0.0597 (< 0.36 ug/m3)	< 0.0597 (< 0.36 ug/m3)	< 0.0597 ppbv	< 0.0597 (< 0.36 ug/m3)
	1,3,5-Trimethylbenzene	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv	< 0.0631 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.36 ppbv	1.09 ppbv (J)	1.22 ppbv (J)	0.67 ppbv (J)	1.88 ppbv	2.33 ppbv
	2-Chlorotoluene	< 0.0605 (< 0.31 ug/m3)	< 0.0605 ppbv	< 0.0605 (< 0.31 ug/m3)	< 0.0605 (< 0.31 ug/m3)	< 0.0605 ppbv	< 0.0605 (< 0.31 ug/m3)
	2-Propanol	1.05 ppbv (J)	< 0.0992 ppbv	< 0.0992 ppbv	0.535 ppbv (J)	0.905 ppbv (J)	< 0.0992 ppbv
	2,2,4-Trimethylpentane	0.183 ppbv (J)	0.0875 ppbv (J)	< 0.0856 ppbv	< 0.0856 (< 0.4 ug/m3)	0.0899 ppbv (J)	< 0.0856 (< 0.4 ug/m3)
	4-Ethyltoluene	0.107 ppbv (J)	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv	0.0998 ppbv (J)	< 0.0666 ppbv
	4-Methyl-2-pentanone (MIBK)	0.0726 ppbv (J)	0.0652 ppbv (J)	0.242 ppbv (J)	< 0.0661 ppbv	0.0707 ppbv (J)	< 0.0661 ppbv
	Acetone	1.5 ppbv	1.2 ppbv	3.4 ppbv	5.83 ppbv	2.2 ppbv	6.12 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	0.765 ppbv (J)	< 0.235 ppbv
	Acrylonitrile	< 0.226 (< 0.5 ug/m3)	< 0.226 ppbv	< 0.226 (< 0.5 ug/m3)	< 0.226 ppbv	< 0.226 (< 0.5 ug/m3)	< 0.226 ppbv
	Allyl chloride	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv	< 0.0646 ppbv
	Benzene	1.1 ppbv	0.261 ppbv	0.417 ppbv	0.2 ppbv	0.51 ppbv	1.08 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0608 ppbv	< 0.0608 ppbv	< 0.0608 ppbv	< 0.0608 ppbv	< 0.0608 ppbv	< 0.0608 ppbv
	Butane	16.6 ppbv	13.8 ppbv	9.57 ppbv	14.8 ppbv	1.3 ppbv	4.6 ppbv
	Carbon disulfide	2.7 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	0.0995 ppbv	0.0702 ppbv (J)
	Carbon tetrachloride	0.0771 ppbv (J)	0.0757 ppbv (J)	0.0818 ppbv (J)	0.0804 ppbv (J)	0.0856 ppbv (J)	0.0768 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.748 (1.4 ug/m3)	0.554 ppbv	0.724 ppbv	0.68 ppbv	0.737 ppbv	0.466 (0.9 ug/m3)
	cis-1,2-Dichloroethene	0.091 ppbv (J)	< 0.0793 ppbv	< 0.0793 ppbv	< 0.0793 ppbv	< 0.0793 ppbv	< 0.0793 ppbv
	cis-1,3-Dichloropropene	< 0.0756 (< 0.35 ug/m3)	< 0.0756 ppbv	< 0.0756 (< 0.35 ug/m3)	< 0.0756 (< 0.35 ug/m3)	< 0.0756 ppbv	< 0.0756 (< 0.35 ug/m3)
	Cyclohexane	0.242 ppbv	0.188 ppbv (J)	0.228 ppbv	0.119 ppbv (J)	0.278 ppbv	0.257 ppbv
	Dibromochloromethane	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv	< 0.0434 ppbv
	Dichlorodifluoromethane	0.511 ppbv	0.502 ppbv	0.554 ppbv	0.519 ppbv	0.504 ppbv	0.53 ppbv
	Ethanol	26.3 ppbv	17.5 ppbv	8.02 ppbv	3.32 ppbv	8.87 ppbv	4.65 ppbv
	Ethylbenzene	0.154 ppbv (J)	0.0845 ppbv (J)	0.0805 ppbv (J)	0.0779 ppbv (J)	0.123 ppbv (J)	0.108 ppbv (J)
	Heptane	0.4 ppbv	0.161 ppbv (J)	0.174 ppbv (J)	0.12 ppbv (J)	0.263 ppbv	0.21 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 (< 1 ug/m3)	< 0.0955 ppbv	< 0.0955 (< 1 ug/m3)	< 0.0955 (< 1 ug/m3)	< 0.0955 ppbv	< 0.0955 (< 1 ug/m3)
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.364 ppbv (J)	0.167 ppbv (J)	0.27 ppbv (J)	0.23 ppbv (J)	0.37 ppbv (J)	0.354 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.491 (1.4 ug/m3)	0.447 ppbv	0.314 ppbv	0.178 ppbv (J)	0.152 ppbv (J)	0.107 (0.37 ug/m3)
	MTBE	< 0.0451 ppbv	< 0.0451 ppbv	< 0.0451 ppbv	0.186 ppbv (J)	0.108 ppbv (J)	< 0.0451 ppbv
	n-Hexane	0.502 ppbv	0.481 ppbv	0.515 ppbv	0.298 ppbv	0.662 ppbv	0.65 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	0.193 ppbv (J)	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv	< 0.0943 ppbv
	o-Xylene	0.139 ppbv (J)	0.0671 ppbv (J)	0.12 ppbv (J)	0.113 ppbv (J)	0.153 ppbv (J)	0.0751 ppbv (J)
	Pentane	2.74 ppbv	1.71 ppbv (J)	3 ppbv	2.3 ppbv	1.78 ppbv	2.11 ppbv
	Propene	< 0.0932 ppbv	6.5 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 (< 0.16 ug/m3)	< 0.0932 ppbv
	Styrene	0.277 ppbv	0.0665 ppbv (J)	< 0.0785 ppbv	0.136 ppbv (J)	0.135 ppbv (J)	1.2 ppbv
	Tetrachloroethylene	0.782 ppbv	< 0.0697 ppbv	< 0.0697 ppbv	< 0.0697 (< 0.47 ug/m3)	< 0.0697 ppbv	0.782 ppbv
	Tetrahydrofuran	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Toluene	0.323 ppbv	0.388 ppbv	1.01 ppbv	0.68 ppbv	0.902 ppbv	0.479 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv	< 0.0435 ppbv
	Trichloroethylene	0.675 (1.4 ug/m3)	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.245 ppbv	0.205 ppbv	0.255 ppbv	0.245 ppbv	0.244 ppbv	0.227 ppbv
	Vinyl acetate	< 0.0639 (< 0.23 ug/m3)	< 0.0639 ppbv	< 0.0639 (< 0.23 ug/m3)	< 0.0639 (< 0.23 ug/m3)	< 0.0639 ppbv	< 0.0639 (< 0.23 ug/m3)
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS030-S		AS031-1			AS031-2
		PNTX1205MC030GHS2	PNTX1206MC030GHS2	PNTX1203MC031PNMS1	PNTX1203MC031PNMS2	PNTX1204MC031PNMS1	PNTX1205MC031PNMS1
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 (J) ppbv	< 0.0514 ppbv	< 0.0513 (J) ppbv	< 0.0514 (J) ppbv	< 0.0513 (J) ppbv	< 0.0514 (J) ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	< 0.0837 ppbv	0.0739 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	0.0766 ppbv (J)	< 0.0837 ppbv
	1,1,2,2-Tetrachloroethane	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 (J) ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 (J) ppbv	< 0.0603 ppbv	< 0.0603 (J) ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0833 ppbv	< 0.0833 ppbv	< 0.0833 ppbv	< 0.0833 ppbv	< 0.0833 ppbv	< 0.0833 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0675 ppbv (J)	< 0.0983 ppbv	0.12 ppbv (J)	0.152 ppbv (J)	< 0.0983 ppbv	< 0.0983 ppbv
	1,3-Butadiene	< 4.4 ppbv	< 4.4 ppbv	14 ppbv	80.2 ppbv	175 ppbv	< 4.4 ppbv
	1,3-Dichlorobenzene	< 0.0807 (J) ppbv	< 0.0807 ppbv	< 0.0807 ppbv	< 0.0807 (J) ppbv	< 0.0807 ppbv	< 0.0807 (J) ppbv
	1,3,5-Trimethylbenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	1,4-Dichlorobenzene	< 0.0837 ppbv	< 0.0837 ppbv	0.0614 ppbv (J)	< 0.0837 ppbv	< 0.0837 ppbv	< 0.0837 ppbv
	1,4-Dioxane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	2-Butanone (MEK)	1.24 ppbv (J)	0.971 ppbv (J)	0.348 ppbv (J)	1.02 ppbv (J)	1.21 ppbv	1.01 ppbv (J)
	2-Chlorotoluene	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv	< 0.0805 ppbv
	2-Propanol	< 0.0892 ppbv	< 0.0892 ppbv	9 ppbv	< 0.0892 ppbv	< 0.0892 ppbv	< 0.0892 ppbv
	2,2,4-Trimethylpentane	0.0649 ppbv (J)	< 0.0951 ppbv	0.106 ppbv (J)	0.152 ppbv (J)	0.0931 ppbv (J)	< 0.0951 ppbv
	4-Ethyltoluene	< 0.0966 ppbv	< 0.0966 ppbv	0.108 ppbv (J)	0.127 ppbv (J)	< 0.0966 ppbv	< 0.0966 ppbv
	4-Methyl-2-pentanone (MIBK)	0.279 ppbv (J)	0.0688 ppbv (J)	< 0.0835 ppbv	0.123 ppbv (J)	< 0.0835 ppbv	< 0.0835 ppbv
	Acetone	7.76 ppbv	12.7 ppbv	31 ppbv	5.77 ppbv	7.23 ppbv	7.77 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv	< 0.226 (J) ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.445 ppbv	0.761 ppbv	0.671 ppbv	0.655 ppbv	0.56 ppbv	0.628 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv	< 0.0735 ppbv
	Bromomethane	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv	< 0.0809 ppbv
	Butane	11.9 ppbv	4.48 ppbv	21.1 ppbv	30.2 ppbv	41.3 ppbv	2.65 ppbv
	Carbon disulfide	< 0.0564 (J) ppbv	< 0.0564 ppbv	< 0.0563 (J) ppbv	< 0.0564 (J) ppbv	0.125 ppbv (J)	0.239 ppbv
	Carbon tetrachloride	0.0781 ppbv (J)	0.0879 ppbv (J)	0.0588 ppbv (J)	0.0742 ppbv (J)	0.0858 ppbv (J)	0.0714 ppbv (J)
	Chlorobenzene	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv	< 0.0831 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.731 ppbv	0.661 ppbv	0.715 ppbv	0.645 ppbv	0.774 ppbv	0.766 ppbv
	cis-1,2-Dichloroethene	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv
	cis-1,3-Dichloropropene	< 0.0856 (J) ppbv	< 0.0856 ppbv	< 0.0856 ppbv	< 0.0856 (J) ppbv	< 0.0856 ppbv	< 0.0856 (J) ppbv
	Cyclohexane	0.248 ppbv	0.181 ppbv (J)	0.345 ppbv	0.432 ppbv	0.287 ppbv	0.0879 ppbv (J)
	Dibromochloromethane	< 0.0804 ppbv	< 0.0804 ppbv	< 0.0804 ppbv	< 0.0804 ppbv	< 0.0804 ppbv	< 0.0804 ppbv
	Dichlorodifluoromethane	0.504 ppbv	0.54 ppbv	0.441 ppbv	0.488 ppbv	0.545 ppbv	0.507 ppbv
	Ethanol	11.86 ppbv	7.11 ppbv	463 ppbv (J)	7.55 ppbv	8.08 ppbv	13.4 ppbv
	Ethylbenzene	0.0809 ppbv (J)	< 0.0959 ppbv	0.116 ppbv (J)	0.16 ppbv (J)	0.164 ppbv (J)	< 0.0959 ppbv
	Heptane	0.179 ppbv (J)	0.188 ppbv (J)	0.273 ppbv	0.421 ppbv	0.197 ppbv (J)	0.0971 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0955 (J) ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 (J) ppbv	< 0.0955 ppbv	< 0.0955 (J) ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	m&p-Xylene	0.267 ppbv (J)	0.131 ppbv (J)	0.351 ppbv (J)	0.479 ppbv	0.313 ppbv (J)	0.157 ppbv (J)
	Methyl Butyl Ketone	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	< 0.0982 ppbv	0.103 ppbv (J)
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.2 ppbv	0.175 ppbv (J)	0.398 ppbv	0.595 ppbv	0.261 ppbv	0.134 ppbv (J)
	MTBE	< 0.0901 ppbv	< 0.0901 ppbv	0.733 ppbv	0.759 ppbv	7.34 ppbv	< 0.0901 ppbv
	n-Hexane	0.6... ppbv	0.576 ppbv	0.816 ppbv	0.877 ppbv	0.594 ppbv	0.276 ppbv
	Naphthalene	0.226 ppbv (J)	< 0.154 ppbv	0.382 ppbv (J)	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.0703 ppbv (J)	< 0.0959 ppbv	0.141 ppbv (J)	0.191 ppbv (J)	0.0896 ppbv (J)	0.0685 ppbv (J)
	Pentane	2.65 ppbv (J)	2.3 ppbv	5.88 ppbv	5.56 ppbv	1.84 ppbv	0.972 ppbv (J)
	Propene	8.8 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	1.21 ppbv	< 0.0932 ppbv
	Styrene	0.0622 ppbv (J)	< 0.0965 ppbv	0.166 ppbv (J)	0.196 ppbv (J)	< 0.0965 ppbv	< 0.0965 ppbv
	Tetrachloroethylene	< 0.0977 (J) ppbv	< 0.0977 ppbv	0.113 ppbv (J)	< 0.0977 (J) ppbv	1.29 ppbv	< 0.0977 (J) ppbv
	Tetrahydrofuran	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv	< 0.0768 ppbv
	Toluene	0.604 ppbv	0.678 ppbv	0.923 ppbv	1.5 ppbv	0.837 ppbv	0.558 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Trichloroethylene	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv	< 0.0845 ppbv
	Trichlorofluoromethane	0.211 ppbv	0.263 ppbv	0.269 ppbv	0.209 ppbv	0.252 ppbv	0.226 ppbv
	Vinyl acetate	< 0.0859 (J) ppbv	< 0.0859 ppbv	< 0.0859 (J) ppbv	< 0.0859 (J) ppbv	< 0.0859 ppbv	< 0.0859 (J) ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS031-2		AS031-3	AS032-1		AS032-2
		PNTX1206MC031PNMS1	PNTX1207MC031PNMS1	PNTX1208MC031PNMS2	PNTX1208MC032PNES1	PNTX1203MC032PNES2	PNTX1204MC032PNES1
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0514 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0813 ppbv (J)	0.0731 ppbv (J)	0.0709 ppbv (J)	0.0724 ppbv (J)	< 0.0637 ppbv	0.0802 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv	< 0.0376 ppbv
	1,2-Dibromoethane	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv	< 0.0385 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv	< 0.0533 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv	< 0.0458 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	0.0605 ppbv (J)	0.0946 ppbv (J)	0.146 ppbv (J)	0.161 ppbv (J)	0.129 ppbv (J)	0.0828 ppbv (J)
	1,3-Butadiene	< 0.0363 ppbv	0.65 ppbv	10.7 ppbv	50.8 ppbv	188 ppbv	96.2 ppbv
	1,3-Dichlorobenzene	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv	< 0.0597 ppbv
	1,3,5-Trimethylbenzene	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv
	1,4-Dichlorobenzene	< 0.0817 ppbv	< 0.0817 ppbv	< 0.0817 ppbv	< 0.0817 ppbv	< 0.0817 ppbv	< 0.0817 ppbv
	1,4-Dioxane	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv	< 0.0554 ppbv
	2-Butanone (MEK)	1.44 ppbv	1.07 ppbv (J)	1.02 ppbv (J)	1.26 ppbv	1.03 ppbv (J)	0.99 ppbv (J)
	2-Chlorotoluene	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv	< 0.0605 ppbv
	2-Propanol	< 0.0882 ppbv	< 0.0882 ppbv	6.7 ppbv	7.9 ppbv	2.09 ppbv	1 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0934 ppbv	< 0.0934 ppbv	0.109 ppbv (J)	0.154 ppbv (J)	0.153 ppbv (J)	0.0877 ppbv (J)
	4-Ethyltoluene	< 0.0611 ppbv	0.0708 ppbv (J)	0.138 ppbv (J)	0.138 ppbv (J)	0.085 ppbv (J)	< 0.0611 ppbv
	4-Methyl-2-pentanone (MIBK)	0.296 ppbv (J)	0.161 ppbv (J)	0.133 ppbv (J)	0.163 ppbv (J)	< 0.0821 ppbv	< 0.0821 ppbv
	Acetone	12 ppbv	8.89 ppbv	11.1 ppbv	22.1 ppbv	7.41 ppbv	6.95 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv	< 0.0546 ppbv
	Benzene	0.364 ppbv	0.421 ppbv	0.88 ppbv	0.83 ppbv	0.307 ppbv	0.85 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv	< 0.0835 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv	< 0.0738 ppbv
	Bromomethane	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv	< 0.0609 ppbv
	Butane	5.12 ppbv	5.74 ppbv	24.1 ppbv	85.3 ppbv	54.9 ppbv	28 ppbv
	Carbon disulfide	< 0.0564 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	< 0.0564 ppbv	0.123 ppbv (J)	< 0.0564 ppbv
	Carbon tetrachloride	0.0945 ppbv (J)	0.0846 ppbv (J)	0.0763 ppbv (J)	0.0726 ppbv (J)	0.077 ppbv (J)	0.084 ppbv (J)
	Chlorobenzene	< 0.0691 ppbv	< 0.0691 ppbv	< 0.0691 ppbv	< 0.0691 ppbv	< 0.0691 ppbv	< 0.0691 ppbv
	Chloroethane	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv	< 0.0489 ppbv
	Chloroform	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv	< 0.0574 ppbv
	Chloromethane	0.841 ppbv	0.655 ppbv	0.725 ppbv	0.705 ppbv	0.795 ppbv	0.705 ppbv
	cis-1,2-Dichloroethene	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv	< 0.0393 ppbv
	cis-1,3-Dichloropropene	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv	< 0.0568 ppbv
	Cyclohexane	0.238 ppbv	0.175 ppbv (J)	0.106 ppbv	0.551 ppbv	0.425 ppbv	0.245 ppbv
	Dibromochloromethane	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv	< 0.0814 ppbv
	Dichlorodifluoromethane	0.515 ppbv	0.57 ppbv	0.505 ppbv	0.568 ppbv	0.52 ppbv	0.525 ppbv
	Ethanol	8.22 ppbv	5.9 ppbv	272 ppbv (J)	238 ppbv (J)	6.75 ppbv	7.23 ppbv
	Ethylbenzene	0.0725 ppbv (J)	0.1 ppbv (J)	0.126 ppbv (J)	0.191 ppbv (J)	0.154 ppbv (J)	0.113 ppbv (J)
	Heptane	0.37 ppbv (J)	0.162 ppbv (J)	0.525 ppbv	0.251 ppbv	0.51 ppbv	0.287 ppbv
	Hexachloro-1,3-butadiene	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv	< 0.0955 ppbv
	Isopropylbenzene	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	0.0649 ppbv (J)
	m&p-Xylene	0.237 ppbv (J)	0.224 ppbv (J)	0.421 ppbv	0.781 ppbv	0.443 ppbv	0.266 ppbv (J)
	Methyl Butyl Ketone	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	< 0.0682 ppbv	0.0833 ppbv (J)	< 0.0682 ppbv
	Methyl methacrylate	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv	< 0.0773 ppbv
	Methylene Chloride	0.155 ppbv (J)	0.161 ppbv (J)	0.321 ppbv	0.135 ppbv	0.182 ppbv (J)	0.151 ppbv
	MTBE	< 0.0703 ppbv	0.048 ppbv	0.919 ppbv	0.749 ppbv	0.773 ppbv	2.75 ppbv
	n-Hexane	0.535 ppbv	0.417 ppbv	0.774 ppbv	0.85 ppbv	0.962 ppbv	0.742 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	0.218 ppbv (J)	0.227 ppbv (J)	0.285 ppbv (J)	< 0.154 ppbv
	Nonane	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv	< 0.0983 ppbv
	o-Xylene	0.0856 ppbv (J)	0.0996 ppbv (J)	0.176 ppbv (J)	0.215 ppbv	0.176 ppbv (J)	0.116 ppbv (J)
	Pentane	1.69 ppbv	1.37 ppbv	8.08 ppbv	3.73 ppbv	1.71 ppbv	1.87 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0765 ppbv	0.0814 ppbv (J)	0.116 ppbv (J)	0.145 ppbv (J)	0.121 ppbv (J)	< 0.0765 ppbv
	Tetrachloroethylene	< 0.0497 ppbv	< 0.0497 ppbv	0.0997 ppbv (J)	< 0.0497 ppbv	< 0.0497 ppbv	0.288 ppbv
	Tetrahydrofuran	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Toluene	0.741 ppbv	0.76 ppbv	0.933 ppbv	1.47 ppbv	0.842 ppbv	0.701 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv	< 0.0635 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.222 ppbv	0.255 ppbv	0.244 ppbv	0.259 ppbv	0.203 ppbv	0.236 ppbv
	Vinyl acetate	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv	< 0.0639 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv	< 0.0497 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit

Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):

J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected

Estimated Detection

Not Detected

South 4 Group Fire

Minican | Analytical Air Sample Results | Data as of 12/12/2019 5:25:38 PM

		AS032-2		
		PNTX1205MC032PNES1	PNTX1206MC032PNES1	PNTX1207MC032PNES1
Analytical Method	Analyte	Level 2 Verified	Level 2 Verified	Level 2 Verified
TO-15	1,1-Dichloroethane	< 0.0514 ppbv	< 0.0514 ppbv	< 0.0513 ppbv
	1,1-Dichloroethene	< 0.049 ppbv	< 0.049 ppbv	< 0.049 ppbv
	1,1,1-Trichloroethane	< 0.0665 ppbv	< 0.0665 ppbv	< 0.0665 ppbv
	1,1,2-Trichloroethane	< 0.0827 ppbv	< 0.0827 ppbv	< 0.0827 ppbv
	1,1,2-Trichlorotrifluoroethane	0.0775 ppbv (J)	0.0797 ppbv (J)	0.0766 ppbv (J)
	1,1,2,2-Tetrachloroethane	< 0.0876 ppbv	< 0.0876 ppbv	< 0.0876 ppbv
	1,2-Dibromoethane	< 0.0785 ppbv	< 0.0785 ppbv	< 0.0785 ppbv
	1,2-Dichlorobenzene	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	1,2-Dichloroethane	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	1,2-Dichloropropane	< 0.0688 ppbv	< 0.0688 ppbv	< 0.0688 ppbv
	1,2-Dichlorotetrafluoroethane	< 0.0456 ppbv	< 0.0456 ppbv	< 0.0456 ppbv
	1,2,4-Trichlorobenzene	< 0.148 ppbv	< 0.148 ppbv	< 0.148 ppbv
	1,2,4-Trimethylbenzene	< 0.0492 ppbv	0.0617 ppbv (J)	0.0893 ppbv (J)
	1,3-Butadiene	< 0.0963 ppbv	< 0.0963 ppbv	< 0.0963 ppbv
	1,3-Dichlorobenzene	< 0.0607 ppbv	< 0.0607 ppbv	< 0.0607 ppbv
	1,3,5-Trimethylbenzene	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv
	1,4-Dichlorobenzene	< 0.0887 ppbv	< 0.0887 ppbv	< 0.0887 ppbv
	1,4-Dioxane	< 0.0694 ppbv	< 0.0694 ppbv	< 0.0694 ppbv
	2-Butanone (MEK)	0.89 ppbv (J)	2.7 ppbv	1.22 ppbv (J)
	2-Chlorotoluene	< 0.0618 ppbv	< 0.0618 ppbv	< 0.0618 ppbv
	2-Propanol	0.567 ppbv (J)	< 0.222 ppbv	1.16 ppbv (J)
	2,2,4-Trimethylpentane	< 0.0936 ppbv	< 0.0936 ppbv	< 0.0936 ppbv
	4-Ethyltoluene	< 0.0611 ppbv	0.067 ppbv (J)	0.0735 ppbv (J)
	4-Methyl-2-pentanone (MIBK)	< 0.0615 ppbv	0.325 ppbv (J)	0.445 ppbv (J)
	Acetone	4.91 ppbv	15.5 ppbv	9.31 ppbv
	Acetonitrile	< 0.235 ppbv	< 0.235 ppbv	< 0.235 ppbv
	Acrylonitrile	< 0.226 ppbv	< 0.226 ppbv	< 0.226 ppbv
	Allyl chloride	< 0.0946 ppbv	< 0.0946 ppbv	< 0.0946 ppbv
	Benzene	0.261 ppbv	0.527 ppbv	0.496 ppbv
	Benzyl Chloride	< 0.0598 ppbv	< 0.0598 ppbv	< 0.0598 ppbv
	Bromodichloromethane	< 0.0819 ppbv	< 0.0819 ppbv	< 0.0819 ppbv
	Bromoethane	< 0.216 ppbv	< 0.216 ppbv	< 0.216 ppbv
	Bromoform	< 0.0736 ppbv	< 0.0736 ppbv	< 0.0736 ppbv
	Bromomethane	< 0.0603 ppbv	< 0.0603 ppbv	< 0.0603 ppbv
	Butane	5.76 ppbv	5 ppbv	5.46 ppbv
	Carbon disulfide	0.198 ppbv (J)	< 0.0599 ppbv	< 0.0598 ppbv
	Carbon tetrachloride	0.0771 ppbv (J)	0.0876 ppbv (J)	0.0826 ppbv (J)
	Chlorobenzene	< 0.0611 ppbv	< 0.0611 ppbv	< 0.0611 ppbv
	Chloroethane	< 0.0789 ppbv	< 0.0789 ppbv	< 0.0789 ppbv
	Chloroform	< 0.0674 ppbv	< 0.0674 ppbv	< 0.0674 ppbv
	Chloromethane	0.606 ppbv	0.764 ppbv	0.591 ppbv
	cis-1,2-Dichloroethene	< 0.0788 ppbv	< 0.0788 ppbv	< 0.0788 ppbv
	cis-1,3-Dichloropropene	< 0.0666 ppbv	< 0.0666 ppbv	< 0.0666 ppbv
	Cyclohexane	0.142 ppbv (J)	0.21 ppbv	0.151 ppbv (J)
	Dibromochloromethane	< 0.0934 ppbv	< 0.0934 ppbv	< 0.0934 ppbv
	Dichlorodifluoromethane	0.504 ppbv	0.568 ppbv	0.564 ppbv
	Ethanol	6.29 ppbv	23.3 ppbv	11 ppbv
	Ethylbenzene	< 0.0576 ppbv	0.0696 ppbv (J)	0.127 ppbv (J)
	Heptane	0.155 ppbv (J)	0.221 ppbv	0.178 ppbv (J)
	Hexachloro-1,3-butadiene	< 0.0956 ppbv	< 0.0956 ppbv	< 0.0956 ppbv
	Isopropylbenzene	< 0.0613 ppbv	< 0.0613 ppbv	< 0.0613 ppbv
	m&p-Xylene	0.132 ppbv (J)	0.25 ppbv (J)	0.388 ppbv (J)
	Methyl Butyl Ketone	< 0.0782 ppbv	< 0.0782 ppbv	< 0.0782 ppbv
	Methyl methacrylate	< 0.0771 ppbv	< 0.0771 ppbv	< 0.0771 ppbv
	Methylene Chloride	0.505 ppbv	0.147 ppbv (J)	0.151 ppbv (J)
	MTBE	< 0.0569 ppbv	< 0.0569 ppbv	0.184 ppbv (J)
	n-Hexane	0.485 ppbv	0.583 ppbv	0.471 ppbv
	Naphthalene	< 0.154 ppbv	< 0.154 ppbv	< 0.154 ppbv
	Nonane	0.0823 ppbv (J)	< 0.0838 ppbv	< 0.0838 ppbv
	o-Xylene	0.0635 ppbv (J)	0.0919 ppbv (J)	0.129 ppbv (J)
	Pentane	1.37 ppbv	2.58 ppbv	1.38 ppbv
	Propene	< 0.0932 ppbv	< 0.0932 ppbv	< 0.0932 ppbv
	Styrene	< 0.0465 ppbv	< 0.0465 ppbv	0.0712 ppbv (J)
	Tetrachloroethylene	0.0641 ppbv (J)	0.191 ppbv (J)	< 0.0677 ppbv
	Tetrahydrofuran	< 0.0538 ppbv	< 0.0538 ppbv	< 0.0538 ppbv
	Toluene	0.344 ppbv	0.874 ppbv	0.945 ppbv
	trans-1,2-Dichloroethene	< 0.0484 ppbv	< 0.0484 ppbv	< 0.0484 ppbv
	trans-1,3-Dichloropropene	< 0.0636 ppbv	< 0.0636 ppbv	< 0.0636 ppbv
	Trichloroethylene	< 0.0545 ppbv	< 0.0545 ppbv	< 0.0545 ppbv
	Trichlorofluoromethane	0.248 ppbv	0.269 ppbv	0.244 ppbv
	Vinyl acetate	< 0.0698 ppbv	< 0.0698 ppbv	< 0.0698 ppbv
	Vinyl Bromide	< 0.0767 ppbv	< 0.0767 ppbv	< 0.0767 ppbv
	Vinyl chloride	< 0.0487 ppbv	< 0.0487 ppbv	< 0.0487 ppbv

Laboratory non-detections are reported as less than ("<") the laboratory method detection limit
Laboratory result qualifiers are reported to the right of corresponding detections (in parentheses). Definitions of reported qualifiers are below (multiple qualifiers may be assigned to the same result):
J: Result is estimated between the laboratory method detection limit and reporting limit.

Detected
Estimated Detection
Not Detected

Attachment C

Preliminary PAH Analytical Data Summary

Analytical PAH Results | South 4 Group Fire

NIOSH 5506 | Last updated: 12/12/2019 5:33:05 PM

Location Code	Sample Start Date	Samp No	Qa Comment	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(e)pyrene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
				ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
AS002	12/1/2019	PNTX1201PH002	L2V Pending	< 0.64	< 0.64	< 0.64	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.64	< 0.32	< 0.64	< 0.32	< 0.32
	12/2/2019	PNTX1201PH002N	L2V Pending	< 0.69	< 0.69	< 0.69	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.69	< 0.34	< 0.69	< 0.34	< 0.34
AS004	11/30/2019	PNTX1130PH004	L2V Pending	< 0.66	< 0.66	< 0.66	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.66	< 0.33	< 0.66	< 0.33	< 0.33
	12/1/2019	PNTX1201PH004	L2V Pending	< 0.66	< 0.66	< 0.66	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.66	< 0.33	< 0.66	< 0.33	< 0.33
	12/2/2019	PNTX1201PH004N	L2V Pending	< 0.7	< 0.7	< 0.7	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.7	< 0.35	< 0.7	< 0.35	< 0.35
AS006	11/30/2019	PNTX1130PH006	L2V Pending	< 0.64	< 0.64	< 0.64	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.64	< 0.32	< 0.64	< 0.32	< 0.32
		PNTX1130PH006N	L2V Pending	< 0.68	< 0.68	< 0.68	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.68	< 0.34	< 0.68	< 0.34	< 0.34
	12/1/2019	PNTX1201PH006	L2V Pending	< 0.64	< 0.64	< 0.64	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.64	< 0.32	< 0.64	< 0.32	< 0.32
AS007	11/30/2019	PNTX1129PH007	L2V Pending	< 0.66	< 0.66	< 0.66	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.66	< 0.33	< 0.66	< 0.33	< 0.33
		PNTX1130PH007	L2V Pending	< 0.7	< 0.7	< 0.7	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.7	< 0.35	< 0.7	< 0.35	< 0.35
	12/1/2019	PNTX1201PH007	L2V Pending	< 0.66	< 0.66	< 0.66	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.66	< 0.33	< 0.66	< 0.33	< 0.33
	12/2/2019	PNTX1201PH007N	L2V Pending	< 0.73	< 0.73	< 0.73	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.73	< 0.37	< 0.73	< 0.37	< 0.37
AS008	11/30/2019	PNTX1129PH008	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
		PNTX1130PH008	L2V Pending	< 0.66	< 0.66	< 0.66	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.66	< 0.33	< 0.66	< 0.33	< 0.33
	12/1/2019	PNTX1201PH008	L2V Pending	< 0.68	< 0.68	< 0.68	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.68	< 0.34	< 0.68	< 0.34	< 0.34
	12/2/2019	PNTX1201PH008N	L2V Pending	< 0.72	< 0.72	< 0.72	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.72	< 0.36	< 0.72	< 0.36	< 0.36
AS009	11/30/2019	PNTX1130PH009	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
		PNTX1130PH009N	L2V Pending	< 0.63	< 0.63	< 0.63	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.63	< 0.32	< 0.63	< 0.32	< 0.32
	12/1/2019	PNTX1201PH009	L2V Pending	< 0.64	< 0.64	< 0.64	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.64	< 0.32	< 0.64	< 0.32	< 0.32
	12/2/2019	PNTX1201PH009N	L2V Pending	< 0.63	< 0.63	< 0.63	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.63	< 0.31	< 0.63	< 0.31	< 0.31
		PNTX1201PH009ND	L2V Pending	< 0.62	< 0.62	< 0.62	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.62	< 0.31	< 0.62	< 0.31	< 0.31
AS010	12/1/2019	PNTX1201PH010	L2V Pending	< 0.67	< 0.67	< 0.67	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.67	< 0.34	< 0.67	< 0.34	< 0.34
AS011	11/30/2019	PNTX1129PH011	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.65	< 0.33	< 0.65	< 0.33	< 0.33
		PNTX1130PH011	L2V Pending	< 0.66	< 0.66	< 0.66	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.66	< 0.33	< 0.66	< 0.33	< 0.33
	12/1/2019	PNTX1201PH011	L2V Pending	< 0.64	< 0.64	< 0.64	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.64	< 0.32	< 0.64	< 0.32	< 0.32
		PNTX1201PH011N	L2V Pending	< 0.63	< 0.63	< 0.63	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.63	< 0.31	< 0.63	< 0.31	< 0.31
AS012	11/30/2019	PNTX1129PH012	L2V Pending	< 0.74	< 0.74	< 0.74	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.74	< 0.37	< 0.74	< 0.37	< 0.37
		PNTX1130PH012	L2V Pending	< 0.64	< 0.64	< 0.64	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.64	< 0.32	< 0.64	< 0.32	< 0.32
	12/1/2019	PNTX1201PH012	L2V Pending	< 0.63	< 0.63	< 0.63	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.63	< 0.32	< 0.63	< 0.32	< 0.32
		PNTX1201PH012N	L2V Pending	< 0.63	< 0.63	< 0.63	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.63	< 0.31	< 0.63	< 0.31	< 0.31
AS013	12/1/2019	PNTX1201PH013	L2V Pending	< 0.66	< 0.66	< 0.66	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.66	< 0.33	< 0.66	< 0.33	< 0.33
		PNTX1201PH013N	L2V Pending	< 0.63	< 0.63	< 0.63	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.31	< 0.63	< 0.31	< 0.63	< 0.31	< 0.31
AS014	12/1/2019	PNTX1201PH014	L2V Pending	< 0.67	< 0.67	< 0.67	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.67	< 0.34	< 0.67	< 0.34	< 0.34
AS016	12/1/2019	PNTX1201PH016	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
AS017	12/1/2019	PNTX1201PH017	L2V Pending	< 0.67	< 0.67	< 0.67	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.67	< 0.34	< 0.67	< 0.34	< 0.34
AS019	11/30/2019	PNTX1130PH019	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
	12/1/2019	PNTX1130PH019N	L2V Pending	< 1.76	< 1.76	< 1.76	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 0.88	< 1.76	< 0.88	< 1.76	< 0.88	< 0.88
		PNTX1201PH019	L2V Pending	< 0.64	< 0.64	< 0.64	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.64	< 0.32	< 0.64	< 0.32	< 0.32
		PNTX1201PH019N	L2V Pending	< 0.63	< 0.63	< 0.63	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.63	< 0.32	< 0.63	< 0.32	< 0.32
AS020	11/30/2019	PNTX1130PH020	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
	12/1/2019	PNTX1130PH020N	L2V Pending	< 1.09	< 1.09	< 1.09	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 1.09	< 0.55	< 1.09	< 0.55	< 0.55
		PNTX1201PH020	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
	12/2/2019	PNTX1201PH020N	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
AS021	11/30/2019	PNTX1129PH021	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
		PNTX1130PH021	L2V Pending	< 0.64	< 0.64	< 0.64	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.64	< 0.32	< 0.64	< 0.32	< 0.32
	12/1/2019	PNTX1130PH021N	L2V Pending	< 0.76	< 0.76	< 0.76	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.76	< 0.38	< 0.76	< 0.38	< 0.38
		PNTX1201PH021	L2V Pending	< 0.66	< 0.66	< 0.66	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.66	< 0.33	< 0.66	< 0.33	< 0.33
	12/2/2019	PNTX1201PH021N	L2V Pending	< 1	< 1	< 1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1	< 0.5	< 1	< 0.5	< 0.5
AS022	11/30/2019	PNTX1130PH022	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
	12/1/2019	PNTX1201PH022	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
		PNTX1201PH022N	L2V Pending	< 0.66	< 0.66	< 0.66	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.66	< 0.33	< 0.66	< 0.33	< 0.33
AS023	11/30/2019	PNTX1129PH023	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.65	< 0.33	< 0.65	< 0.33	< 0.33
		PNTX1130PH023	L2V Pending	< 0.64	< 0.64	< 0.64	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.64	< 0.32	< 0.64	< 0.32	< 0.32
	12/2/2019	PNTX1201PH023N	L2V Pending	< 0.63	< 0.63	< 0.63	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.63	< 0.32	< 0.63	< 0.32	< 0.32
AS024	11/30/2019	PNTX1129PH024	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
		PNTX1130PH024	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
	12/1/2019	PNTX1130PH024N	L2V Pending	< 0.74	< 0.74	< 0.74	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.37	< 0.74	< 0.37	< 0.74	< 0.37	< 0.37
		PNTX1201PH024	L2V Pending	< 0.65	< 0.65	< 0.65	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.65	< 0.32	< 0.65	< 0.32	< 0.32
AS025	11/30/2019	PNTX1130PH025	L2V Pending	< 0.64	< 0.64	< 0.64	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.64	< 0.32	< 0.64	< 0.32	< 0.32
	12/1/2019	PNTX1201PH025	L2V Pending	< 0.66	< 0.66	< 0.66	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.66	< 0.33	< 0.66	< 0.33	< 0.33
		PNTX1201PH025N	L2V Pending	< 0.45	< 0.45	< 0.45	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.45	< 0.23	< 0.45	< 0.23	< 0.23
AS026	12/1/2019	PNTX1201PH026	L2V Pending	< 0.66	< 0.66	< 0.66	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.66	< 0.33	< 0.66	< 0.33	< 0.33
		PNTX1201PH026N	L2V Pending	< 1.1	< 1.1	< 1.1	< 0.57	< 0.57	< 0.57	< 0.57	< 0.57	< 0.57	< 0.57	< 0.57	< 0.57	< 1.1	< 0.57	< 1.1	< 0.57	< 0.57

Laboratory non detections are reported as less than ("<") the laboratory method reporting limit.
L2V = Level 2 Verified
L4V = Level 4 Validated

Attachment D

Preliminary Asbestos Analytical Data Summary

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS002	On fence next to light post across from 306 Gist Dr.	11/28/2019	PNTX1128AB002	886.4	<0.003	<0.0030
		11/29/2019	PNTX1128AB002N	660.5	<0.004	<0.0041
			PNTX1129AB002	715.62	<0.004	<0.0038
			PNTX1129AB002N	801.09	<0.003	<0.0034
		11/30/2019	PNTX1130AB002	890.04	<0.003	<0.0030
		12/1/2019	PNTX1130AB002N	623.45	<0.004	<0.0043
			PNTX1130AB002ND	610.68	<0.004	<0.0044
			PNTX1201AB002	756.2	<0.004	<0.0036
		12/2/2019	PNTX1201AB002N	666.1	<0.004	<0.0041
			PNTX1202AB002	738.6	<0.004	<0.0037
		12/3/2019	PNTX1202AB002N	659.77	<0.004	<0.0041
			PNTX1203AB002	743.8	<0.004	<0.0036
		12/4/2019	PNTX1203AB002N	742.09	<0.004	<0.0036
			PNTX1204AB002	795.9	<0.003	<0.0034
		12/5/2019	PNTX1204AB002N	697.04	<0.004	<0.0039
			PNTX1205AB002	702.61	<0.004	<0.0038
		12/6/2019	PNTX1205AB002N	805.2	<0.003	<0.0034
			PNTX1206AB002	668.78	<0.004	<0.0040
		12/7/2019	PNTX1206AB002N	682.01	<0.004	<0.0040
			PNTX1207AB002	726.12	<0.004	<0.0037
		12/8/2019	PNTX1207AB002N	661.98	<0.004	<0.0041
			PNTX1208AB002	706.3	<0.004	Pending Analysis
			PNTX1208AB002N	688.1	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB002	744.3	<0.004	Pending Analysis
		12/10/2019	PNTX1209AB002N	831.8	<0.003	Pending Analysis
AS003	Corner of fence line next to ditch at intersection of Earle St. and Magnolia Ave.	12/2/2019	PNTX1202AB003	763.3	<0.004	<0.0035
		12/3/2019	PNTX1202AB003N	671.79	<0.004	<0.0040
			PNTX1202AB003ND	673.03	<0.004	<0.0040
			PNTX1203AB003	731.2	<0.004	<0.0037
		12/4/2019	PNTX1203AB003N	754.08	<0.004	<0.0036
			PNTX1204AB003	811.6	<0.003	<0.0033
		12/5/2019	PNTX1204AB003N	694.28	<0.004	<0.0039
			PNTX1205AB003	702.97	<0.004	<0.0038
		12/6/2019	PNTX1205AB003N	810.7	<0.003	<0.0033
			PNTX1206AB003	667.51	<0.004	<0.0040

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS003	Corner of fence line next to ditch at intersection of Earle St. and Magnolia Ave	12/7/2019	PNTX1206AB003N	701.27	<0.004	<0.0038
			PNTX1207AB003	732.18	<0.004	<0.0037
		12/8/2019	PNTX1207AB003N	649.51	<0.004	<0.0042
			PNTX1208AB003	702.2	<0.004	Pending Analysis
			PNTX1208AB003N	725.9	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB003	732.3	<0.004	Pending Analysis
		12/10/2019	PNTX1209AB003N	769.5	<0.004	Pending Analysis
			PNTX1209AB003ND	754.6	<0.004	Pending Analysis
AS004	Light post in front of 820 Baker Ave.	11/28/2019	PNTX1128AB004	824.3	<0.003	<0.0033
		11/29/2019	PNTX1128AB004N	754.2	Not Analyzed	Pending Analysis
			PNTX1129AB004	851.35	<0.003	<0.0032
			PNTX1129AB004N	765.99	<0.004	<0.0035
		11/30/2019	PNTX1130AB004	1307.56	<0.002	<0.0021
		12/1/2019	PNTX1201AB004	752.1	<0.004	<0.0036
		12/2/2019	PNTX1201AB004N	648.7	<0.004	<0.0042
			PNTX1202AB004	739.8	<0.004	<0.0036
		12/3/2019	PNTX1202AB004N	666.16	<0.004	<0.0041
			PNTX1203AB004	730.1	<0.004	<0.0037
		12/4/2019	PNTX1203AB004N	746.32	<0.004	<0.0036
			PNTX1204AB004	799.9	<0.003	<0.0034
		12/5/2019	PNTX1204AB004N	698.24	<0.004	<0.0039
		12/6/2019	PNTX1205AB004N	809.24	<0.003	<0.0033
			PNTX1206AB004	672.79	<0.004	<0.0040
		12/7/2019	PNTX1206AB004N	690.67	<0.004	<0.0039
			PNTX1207AB004	725.03	<0.004	<0.0037
		12/8/2019	PNTX1207AB004N	675.53	<0.004	<0.0040
			PNTX1208AB004	699.8	<0.004	Pending Analysis
			PNTX1208AB004N	714.8	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB004	746.9	<0.004	Pending Analysis
		12/10/2019	PNTX1209AB004N	745.8	<0.004	Pending Analysis
AS005	East of Hebert Public Library	12/2/2019	PNTX1202AB005	747.4	<0.004	<0.0036
		12/3/2019	PNTX1202AB005N	692.4	0.0060	<0.0039
			PNTX1203AB005	715.9	<0.004	<0.0038
		12/4/2019	PNTX1203AB005N	767.28	<0.004	<0.0035
			PNTX1204AB005	762.9	<0.003	<0.0034

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS005	East of Hebert Public Library	12/5/2019	PNTX1204AB005N	704.54	<0.004	<0.0038
		12/6/2019	PNTX1205AB005N	811.48	<0.003	<0.0033
			PNTX1206AB005	667.2	<0.004	<0.0040
		12/7/2019	PNTX1206AB005N	708.63	<0.004	<0.0038
			PNTX1207AB005	728.41	<0.004	<0.0037
		12/8/2019	PNTX1207AB005N	662.07	<0.004	<0.0041
			PNTX1208AB005	726.8	<0.004	Pending Analysis
			PNTX1208AB005N	736.2	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB005	734.3	<0.004	Pending Analysis
AS006	On fence corner near entrance to Ridgewood Elementary and Bella Vita St.	11/27/2019	PNTX1127AB006	674.4	<0.004	<0.0040
		11/28/2019	PNTX1128AB006	777.1	<0.003	<0.0035
		11/29/2019	PNTX1128AB006N	736.7	<0.004	<0.0037
			PNTX1129AB006	1016.32	<0.003	<0.0027
		11/30/2019	PNTX1130AB006	800.03	<0.003	<0.0034
			PNTX1130AB006N	916.59	<0.003	<0.0029
		12/1/2019	PNTX1201AB006	743.2	<0.004	<0.0036
		12/2/2019	PNTX1201AB006N	654.4	<0.004	<0.0041
			PNTX1202AB006	724.1	<0.004	<0.0037
		12/3/2019	PNTX1202AB006N	675.75	<0.004	<0.0040
			PNTX1203AB006	738.7	<0.004	<0.0037
		12/4/2019	PNTX1203AB006N	696.8	<0.004	<0.0039
			PNTX1204AB006	838.4	<0.003	<0.0032
		12/5/2019	PNTX1204AB006N	711.02	<0.004	<0.0038
			PNTX1205AB006	711.59	<0.004	<0.0038
		12/6/2019	PNTX1205AB006N	763.3	<0.004	<0.0035
		12/7/2019	PNTX1206AB006N	688.54	<0.004	<0.0039
			PNTX1207AB006	747.67	<0.004	<0.0036
		12/8/2019	PNTX1207AB006N	666.43	<0.004	<0.0040
			PNTX1208AB006	705.3	<0.004	Pending Analysis
			PNTX1208AB006N	695.6	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB006	756.9	<0.004	Pending Analysis
		12/10/2019	PNTX1209AB006N	756.9	<0.004	Pending Analysis
AS007	Fence line SE of Bent Tree - apartments across from Brazos Ave.	11/27/2019	PNTX1127AB007	655.2	<0.004	<0.0041
		11/28/2019	PNTX1128AB007	809.9	<0.003	<0.0033
		11/29/2019	PNTX1128AB007N	761.9	<0.004	<0.0035

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS007	Fence line SE of Bent Tree - apartments across from Brazos Ave.	11/29/2019	PNTX1129AB007	848.08	<0.003	<0.0032
			PNTX1129AB007N	774.67	<0.003	<0.0035
		11/30/2019	PNTX1130AB007	1131.82	0.0030	<0.0024
		12/1/2019	PNTX1201AB007	786.9	<0.003	<0.0034
		12/2/2019	PNTX1201AB007N	651.9	<0.004	<0.0041
			PNTX1202AB007	748.9	<0.004	<0.0036
		12/3/2019	PNTX1202AB007N	654.15	0.0050	<0.0041
			PNTX1203AB007	739.5	<0.004	<0.0036
		12/4/2019	PNTX1203AB007N	709.68	<0.004	<0.0038
			PNTX1204AB007	828.09	<0.003	<0.0033
		12/5/2019	PNTX1204AB007N	702.69	<0.004	<0.0038
			PNTX1205AB007	707.67	<0.004	<0.0038
		12/6/2019	PNTX1205AB007N	767.4	<0.004	<0.0035
			PNTX1206AB007	679.45	<0.004	<0.0040
		12/7/2019	PNTX1206AB007N	721.5	<0.004	<0.0037
			PNTX1207AB007	708.9	<0.004	<0.0038
		12/8/2019	PNTX1207AB007N	702.9	<0.004	<0.0038
			PNTX1208AB007	675.8	<0.004	Pending Analysis
			PNTX1208AB007N	719.9	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB007	766.36	<0.004	Pending Analysis
		12/10/2019	PNTX1209AB007N	802.5	<0.003	Pending Analysis
AS008	Fence corner behind H-E-B supermark on SE side	11/27/2019	PNTX1127AB008	649.2	<0.004	<0.0042
		11/28/2019	PNTX1128AB008	792.3	<0.003	<0.0034
		11/29/2019	PNTX1128AB008N	751.21	<0.004	<0.0036
			PNTX1129AB008	862.83	<0.003	<0.0031
			PNTX1129AB008N	761.77	<0.004	<0.0035
		11/30/2019	PNTX1130AB008	1142.21	<0.002	<0.0024
		12/1/2019	PNTX1201AB008	791.1	<0.003	<0.0034
		12/2/2019	PNTX1201AB008N	653.02	<0.004	<0.0039
			PNTX1202AB008	740.4	<0.004	<0.0036
		12/3/2019	PNTX1202AB008N	671.65	<0.004	<0.0040
			PNTX1203AB008	736.6	<0.004	<0.0037
		12/4/2019	PNTX1203AB008N	707.37	<0.004	<0.0038
			PNTX1204AB008	832.5	<0.003	<0.0032
		12/5/2019	PNTX1204AB008N	706.49	<0.004	<0.0038

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS008	Fence corner behind H-E-B supermark on SE side	12/5/2019	PNTX1205AB008	707.74	<0.004	<0.0038
		12/6/2019	PNTX1205AB008N	764.1	<0.004	<0.0035
			PNTX1206AB008	706.19	<0.004	<0.0038
		12/7/2019	PNTX1206AB008N	690	<0.004	<0.0039
			PNTX1207AB008	756.01	<0.004	<0.0036
		12/8/2019	PNTX1207AB008N	665.36	0.0050	<0.0041
			PNTX1208AB008	682.5	<0.004	Pending Analysis
			PNTX1208AB008N	714.3	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB008	762.58	<0.004	Pending Analysis
		12/10/2019	PNTX1209AB008N	756.9	<0.004	Pending Analysis
AS009	End of fenceline next to warehouse across from tennis courts	11/27/2019	PNTX1127AB009	688.1	<0.004	<0.0039
		11/28/2019	PNTX1128AB009	770.6	<0.004	<0.0035
		11/29/2019	PNTX1128AB009N	734.8	<0.004	<0.0037
			PNTX1129AB009	1027.92	<0.003	<0.0026
		11/30/2019	PNTX1130AB009	816.73	<0.003	<0.0033
			PNTX1130AB009N	1107.32	<0.002	<0.0024
		12/1/2019	PNTX1201AB009	739	<0.004	<0.0037
		12/2/2019	PNTX1201AB009N	747.5	<0.004	<0.0036
			PNTX1201AB009ND	741.23	<0.004	<0.0036
			PNTX1202AB009	746.7	<0.004	<0.0036
		12/3/2019	PNTX1202AB009N	722.15	0.0050	<0.0037
			PNTX1203AB009	725.4	<0.004	<0.0037
		12/4/2019	PNTX1203AB009N	728.41	<0.004	<0.0037
			PNTX1204AB009	781.1	<0.003	<0.0035
		12/5/2019	PNTX1204AB009N	716.88	<0.004	<0.0038
			PNTX1205AB009	668.11	<0.004	<0.0040
		12/6/2019	PNTX1205AB009N	808.54	<0.003	<0.0033
			PNTX1206AB009	675.86	<0.004	<0.0040
		12/7/2019	PNTX1206AB009N	711.12	<0.004	<0.0038
			PNTX1207AB009	745.14	<0.004	<0.0036
		12/8/2019	PNTX1207AB009N	662.46	<0.004	<0.0041
			PNTX1208AB009	674.7	<0.004	Pending Analysis
			PNTX1208AB009N	743.5	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB009	736.8	<0.004	Pending Analysis
		12/10/2019	PNTX1209AB009N	764.9	<0.004	Pending Analysis

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS010	Back parking lot of Park Oil Company on fence	11/27/2019	PNTX1127AB010	704.5	<0.004	<0.0038
		11/28/2019	PNTX1128AB010	770.1	<0.004	<0.0035
		11/29/2019	PNTX1128AB010N	751	<0.004	<0.0036
			PNTX1129AB010	991.7	<0.003	<0.0027
		11/30/2019	PNTX1130AB010	780.56	<0.003	<0.0035
			PNTX1130AB010N	865.94	<0.003	<0.0031
		12/1/2019	PNTX1201AB010	796.7	<0.003	<0.0034
AS011	Fenceline behind Planet Fitness in the side parking lot	11/27/2019	PNTX1127AB011	632.5	<0.004	<0.0043
		11/28/2019	PNTX1128AB011	813.8	<0.003	<0.0033
		11/29/2019	PNTX1128AB011N	761.9	<0.004	<0.0035
			PNTX1129AB011	853.82	<0.003	<0.0032
			PNTX1129AB011N	783.06	<0.003	<0.0034
		11/30/2019	PNTX1130AB011	1008.23	<0.003	<0.0027
		12/1/2019	PNTX1201AB011	761.5	<0.004	<0.0035
		12/2/2019	PNTX1201AB011N	745.49	<0.004	<0.0036
			PNTX1202AB011	744.1	<0.004	<0.0036
		12/3/2019	PNTX1202AB011N	684.22	<0.004	<0.0039
			PNTX1203AB011	738.6	<0.004	<0.0037
			PNTX1203AB011N	760.54	<0.004	<0.0035
		12/4/2019	PNTX1204AB011	831.5	<0.003	<0.0032
		12/5/2019	PNTX1204AB011N	644.84	<0.004	<0.0042
			PNTX1205AB011	689.82	<0.004	<0.0039
		12/6/2019	PNTX1205AB011N	725.19	<0.004	<0.0037
			PNTX1206AB011	745.91	<0.004	<0.0036
		12/7/2019	PNTX1206AB011N	622.28	<0.004	<0.0043
			PNTX1207AB011	747.15	<0.004	<0.0036
			PNTX1207AB011N	697.01	<0.004	<0.0039
		12/8/2019	PNTX1208AB011	678.8	<0.004	Pending Analysis
			PNTX1208AB011N	746.9	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB011	705.6	<0.004	Pending Analysis
AS012	Corner fence between USPS & Church on the Rock-South	11/27/2019	PNTX1127AB012	530.2	<0.005	<0.0051
		11/28/2019	PNTX1128AB012	941.8	<0.003	<0.0029
		11/29/2019	PNTX1128AB012N	776.6	<0.003	<0.0035
			PNTX1129AB012	845.27	<0.003	<0.0032
			PNTX1129AB012N	773.99	<0.003	<0.0035

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS012	Corner fence between USPS & Church on the Rock-South	11/30/2019	PNTX1130AB012	1028.2	<0.003	<0.0026
		12/1/2019	PNTX1201AB012	727.7	<0.004	<0.0037
			PNTX1201AB012N	759.3	<0.004	<0.0036
		12/2/2019	PNTX1202AB012	775.8	<0.003	<0.0035
		12/3/2019	PNTX1202AB012N	703.4	<0.004	<0.0038
			PNTX1203AB012	736.6	<0.004	<0.0037
			PNTX1203AB012N	751.21	<0.004	<0.0036
		12/4/2019	PNTX1204AB012	828	<0.003	<0.0033
		12/5/2019	PNTX1204AB012N	647.94	<0.004	<0.0042
			PNTX1205AB012	686.64	<0.004	<0.0039
			PNTX1205AB012N	765.04	<0.004	<0.0035
		12/6/2019	PNTX1206AB012	732.64	<0.004	<0.0037
			PNTX1206AB012N	614.66	<0.004	<0.0044
		12/7/2019	PNTX1207AB012	754.07	<0.004	<0.0036
			PNTX1207AB012N	729.85	<0.004	<0.0037
		12/8/2019	PNTX1208AB012	672.9	<0.004	Pending Analysis
			PNTX1208AB012N	754.5	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB012	712.2	<0.004	Pending Analysis
			PNTX1209AB012N	658.7	<0.004	Pending Analysis
AS013	Fence behind large bush on Terrell St. - near intersection with Oakdale Dr.	11/27/2019	PNTX1127AB013	697.9	<0.004	<0.0039
		11/28/2019	PNTX1128AB013	784.6	<0.003	<0.0034
		11/29/2019	PNTX1128AB013N	737.5	<0.004	<0.0037
			PNTX1129AB013	1031.7	<0.003	<0.0026
		11/30/2019	PNTX1130AB013	864.91	<0.003	<0.0031
		12/1/2019	PNTX1130AB013N	490.25	<0.006	<0.0055
			PNTX1201AB013	735.4	<0.004	<0.0037
			PNTX1201AB013N	753.49	<0.004	<0.0036
		12/2/2019	PNTX1202AB013	760.2	<0.004	<0.0036
		12/3/2019	PNTX1202AB013N	692.94	<0.004	<0.0039
			PNTX1203AB013	730.1	<0.004	<0.0037
			PNTX1203AB013N	744.65	<0.004	<0.0036
		12/4/2019	PNTX1204AB013	810.9	<0.003	<0.0033
		12/5/2019	PNTX1204AB013N	647.03	<0.004	<0.0042
			PNTX1205AB013	690.94	<0.004	<0.0039
			PNTX1205AB013N	758.1	<0.004	<0.0036

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS013	Fence behind large bush on Terrell St. - near intersection with Oakdale Dr	12/6/2019	PNTX1206AB013	751.91	<0.004	<0.0036
			PNTX1206AB013N	620.15	<0.004	<0.0044
		12/7/2019	PNTX1207AB013	749.95	<0.004	<0.0036
			PNTX1207AB013N	726.58	<0.004	<0.0037
		12/8/2019	PNTX1208AB013	685.4	<0.004	Pending Analysis
			PNTX1208AB013N	761.6	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB013	689.2	<0.004	Pending Analysis
			PNTX1209AB013N	762.7	<0.004	Pending Analysis
AS014	Back fence of Memorial Stadium by handicap parking spots	11/27/2019	PNTX1127AB014	706.9	<0.004	<0.0038
			PNTX1127AB014D	701.9	<0.004	<0.0038
		11/28/2019	PNTX1128AB014	773.3	<0.003	<0.0035
		11/29/2019	PNTX1128AB014N	691.1	<0.004	<0.0039
			PNTX1129AB014	1038.8	<0.003	<0.0026
		11/30/2019	PNTX1130AB014	861.08	<0.003	<0.0031
		12/1/2019	PNTX1130AB014N	621.39	0.0060	<0.0043
			PNTX1201AB014	752.3	<0.004	<0.0036
AS015	On fence in back west corner of Relax Inn parking lot	11/27/2019	PNTX1127AB015	707.4	<0.004	<0.0038
		11/28/2019	PNTX1128AB015	1033.9	<0.003	<0.0026
		11/29/2019	PNTX1129AB015	740.53	<0.004	<0.0036
			PNTX1129AB015N	818.63	<0.003	<0.0033
		11/30/2019	PNTX1130AB015	820.98	<0.003	<0.0033
			PNTX1130AB015D	820.98	Not Analyzed	Not Analyzed
		12/1/2019	PNTX1130AB015N	524.6	<0.005	<0.0051
			PNTX1201AB015	752.7	<0.004	<0.0036
AS016	Nederland High School corner of tennis court fence	11/27/2019	PNTX1127AB016	708.9	<0.004	<0.0038
		11/28/2019	PNTX1128AB016	773.2	<0.003	<0.0035
		11/29/2019	PNTX1128AB016N	715	<0.004	<0.0038
			PNTX1129AB016	1034.1	<0.003	<0.0026
		11/30/2019	PNTX1130AB016	866.37	0.0040	<0.0031
		12/1/2019	PNTX1130AB016N	1015.19	<0.003	<0.0027
			PNTX1201AB016	729.3	<0.004	<0.0037
AS017	66th and W Port Arthur Rd. - abandoned discount store pole inside lot	11/27/2019	PNTX1127AB017	657.1	<0.004	<0.0041
		11/28/2019	PNTX1128AB017	1020.8	<0.003	<0.0026
		11/29/2019	PNTX1129AB017	714.81	<0.004	Not Analyzed
			PNTX1129AB017N	905.75	<0.003	<0.0030

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS017	66th and W Port Arthur Rd. - abandoned discount store pole inside lot	11/30/2019	PNTX1130AB017	697.37	<0.004	<0.0039
		12/1/2019	PNTX1130AB017N	592.6	<0.005	<0.0046
			PNTX1201AB017	797.8	<0.003	<0.0034
AS018	58th St. - City of Port Arthur pump station fence	11/27/2019	PNTX1127AB018	740	<0.004	<0.0036
		11/28/2019	PNTX1128AB018	796.3	<0.003	<0.0034
		11/29/2019	PNTX1129AB018	761.77	<0.004	<0.0035
			PNTX1129AB018N	821.98	<0.003	<0.0033
		11/30/2019	PNTX1130AB018	865.75	<0.003	<0.0031
		12/1/2019	PNTX1130AB018N	593	<0.005	<0.0046
			PNTX1201AB018	782.8	<0.003	<0.0034
AS019	Texas Ave. - south side of Dollar General on telephone pole	11/27/2019	PNTX1127AB019	670.6	<0.004	<0.0040
		11/28/2019	PNTX1128AB019	828.8	<0.003	<0.0033
		11/29/2019	PNTX1129AB019	750.3	<0.004	<0.0036
			PNTX1129AB019N	807.46	<0.003	<0.0033
		11/30/2019	PNTX1130AB019	933.41	<0.003	<0.0029
		12/1/2019	PNTX1130AB019N	530.42	<0.005	<0.0051
			PNTX1201AB019	717.8	0.0040	<0.0038
			PNTX1201AB019N	781.9	<0.003	<0.0035
		12/2/2019	PNTX1202AB019	717.6	<0.004	<0.0038
		12/3/2019	PNTX1202AB019N	718.23	<0.004	<0.0038
			PNTX1203AB019	732.8	<0.004	<0.0037
			PNTX1203AB019N	738.29	<0.004	<0.0037
		12/4/2019	PNTX1204AB019	755.3	<0.004	<0.0036
			PNTX1204AB019N	696.53	<0.004	<0.0039
		12/5/2019	PNTX1205AB019	696.74	<0.004	<0.0039
			PNTX1205AB019N	654.2	0.0050	<0.0041
		12/6/2019	PNTX1206AB019	761.15	<0.004	<0.0035
			PNTX1206AB019N	697.92	<0.004	<0.0039
		12/7/2019	PNTX1207AB019	765.6	<0.004	<0.0035
			PNTX1207AB019N	786.52	<0.003	<0.0034
		12/8/2019	PNTX1208AB019	657	<0.004	Pending Analysis
			PNTX1208AB019N	754.7	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB019	712.2	<0.004	Pending Analysis
			PNTX1209AB019N	754.9	<0.004	Pending Analysis
AS020	Nederland water tower - west	11/28/2019	PNTX1128AB020	1056.8	<0.003	<0.0026

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS020	Nederland water tower - west fence line	11/29/2019	PNTX1128AB020N	714.9	<0.004	<0.0038
			PNTX1129AB020	1037.8	<0.003	<0.0026
		11/30/2019	PNTX1130AB020	808.53	<0.003	<0.0033
		12/1/2019	PNTX1130AB020N	1004.1	<0.003	<0.0027
			PNTX1201AB020	739	<0.004	<0.0037
		12/2/2019	PNTX1202AB020	732	<0.004	<0.0037
		12/3/2019	PNTX1202AB020N	704.31	<0.004	<0.0038
			PNTX1203AB020	730.5	<0.004	<0.0037
			PNTX1203AB020D	731.6	<0.004	<0.0037
		12/4/2019	PNTX1203AB020N	753.33	<0.004	<0.0036
			PNTX1204AB020	783.9	<0.003	<0.0034
		12/5/2019	PNTX1204AB020N	711.41	<0.004	<0.0038
			PNTX1205AB020	693.55	<0.004	<0.0039
		12/6/2019	PNTX1205AB020N	820.06	<0.003	<0.0033
			PNTX1206AB020	655.59	<0.004	<0.0041
		12/7/2019	PNTX1206AB020N	701.06	<0.004	<0.0038
			PNTX1207AB020	741.17	<0.004	<0.0036
		12/8/2019	PNTX1207AB020N	669.18	<0.004	<0.0040
			PNTX1208AB020	686.7	<0.004	Pending Analysis
			PNTX1208AB020N	742.7	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB020	471.8	<0.006	Pending Analysis
		12/10/2019	PNTX1209AB020N	767.2	<0.004	Pending Analysis
AS021	Dieu St. - corner of Entergy substation fence	11/28/2019	PNTX1128AB021	899.7	<0.003	<0.0030
		11/29/2019	PNTX1129AB021	707.71	<0.004	Not Analyzed
			PNTX1129AB021N	801.77	<0.003	<0.0034
		11/30/2019	PNTX1130AB021	885.81	<0.003	<0.0030
		12/1/2019	PNTX1130AB021N	601.76	0.0070	<0.0045
			PNTX1201AB021	748.1	<0.004	<0.0036
		12/2/2019	PNTX1201AB021N	697.66	<0.004	<0.0041
			PNTX1202AB021	726.6	<0.004	<0.0037
		12/3/2019	PNTX1202AB021N	695.99	0.0040	<0.0039
			PNTX1203AB021	732.8	<0.004	<0.0037
		12/4/2019	PNTX1203AB021N	771.49	<0.004	<0.0035
			PNTX1204AB021	768	<0.004	<0.0035
		12/5/2019	PNTX1204AB021N	696.28	<0.004	<0.0039

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS021	Dieu St. - corner of Entergy substation fence	12/5/2019	PNTX1205AB021	780.51	<0.003	<0.0035
		12/6/2019	PNTX1205AB021N	802.52	<0.003	<0.0034
			PNTX1206AB021	664.15	<0.004	<0.0041
		12/7/2019	PNTX1206AB021N	706.4	<0.004	<0.0038
			PNTX1207AB021	726.26	0.0050	<0.0037
		12/8/2019	PNTX1207AB021N	657.21	<0.004	<0.0041
			PNTX1208AB021	711.8	<0.004	Pending Analysis
			PNTX1208AB021N	725.9	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB021	732.8	<0.004	Pending Analysis
		12/10/2019	PNTX1209AB021N	777.3	<0.003	Pending Analysis
AS022	Orchard Ave. fence - north side of Atlantic Canal	11/28/2019	PNTX1128AB022N	1005.6	<0.003	<0.0027
		11/29/2019	PNTX1129AB022	854.59	<0.003	<0.0032
			PNTX1129AB022N	763.71	<0.004	<0.0035
		11/30/2019	PNTX1130AB022	1024.68	<0.003	<0.0026
		12/1/2019	PNTX1201AB022	732.2	0.0080	<0.0037
			PNTX1201AB022N	768.9	<0.004	<0.0035
		12/2/2019	PNTX1202AB022	770.1	<0.004	<0.0035
		12/3/2019	PNTX1202AB022N	703.73	<0.004	<0.0038
			PNTX1203AB022	728.3	<0.004	<0.0037
			PNTX1203AB022N	727.34	<0.004	<0.0037
		12/4/2019	PNTX1204AB022	814.9	<0.003	<0.0033
		12/5/2019	PNTX1205AB022	703.48	<0.004	<0.0038
			PNTX1205AB022N	759.36	<0.004	<0.0036
		12/6/2019	PNTX1206AB022	751.1	<0.004	<0.0036
			PNTX1206AB022N	626.84	<0.004	<0.0043
		12/7/2019	PNTX1207AB022	745	<0.004	<0.0036
			PNTX1207AB022N	745.33	0.0040	<0.0036
		12/8/2019	PNTX1208AB022	681.2	<0.004	Pending Analysis
			PNTX1208AB022N	766.7	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB022	708.5	<0.004	Pending Analysis
			PNTX1209AB022N	758.1	<0.004	Pending Analysis
AS023	Park St. Stadium - fence corner	11/30/2019	PNTX1130AB023	873.94	<0.003	<0.0031
		12/1/2019	PNTX1130AB023N	560.73	0.0080	<0.0048
			PNTX1201AB023	725.7	<0.004	<0.0037
		12/2/2019	PNTX1201AB023N	706.3	<0.004	<0.0038

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS023	Park St. Stadium - fence corner	12/2/2019	PNTX1202AB023	736.4	0.0040	<0.0037
		12/3/2019	PNTX1202AB023N	671.27	<0.004	<0.0040
			PNTX1203AB023	729.6	<0.004	<0.0037
		12/4/2019	PNTX1203AB023N	759.83	<0.004	<0.0036
			PNTX1204AB023	767.6	<0.004	<0.0035
		12/5/2019	PNTX1204AB023N	688.56	<0.004	<0.0039
			PNTX1205AB023	691.23	<0.004	<0.0039
		12/6/2019	PNTX1205AB023N	811.48	<0.003	<0.0033
			PNTX1206AB023	664.83	<0.004	<0.0041
		12/7/2019	PNTX1206AB023N	709.35	<0.004	<0.0038
			PNTX1207AB023	733.43	<0.004	<0.0037
		12/8/2019	PNTX1207AB023N	651.55	<0.004	<0.0041
			PNTX1208AB023	709.8	<0.004	Pending Analysis
			PNTX1208AB023N	731.5	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB023	735.2	<0.004	Pending Analysis
		12/10/2019	PNTX1209AB023N	779.1	<0.003	Pending Analysis
AS024	Grigsby Ave and Montgomery St. - telephone pole	11/29/2019	PNTX1129AB024N	805.95	<0.003	<0.0033
		11/30/2019	PNTX1130AB024	841	0.0040	<0.0032
		12/1/2019	PNTX1130AB024N	633.33	0.0060	<0.0043
			PNTX1201AB024	725.3	<0.004	<0.0037
		12/2/2019	PNTX1201AB024N	742.5	<0.004	<0.0036
			PNTX1202AB024	736.9	<0.004	<0.0037
		12/3/2019	PNTX1202AB024N	693.7	0.0060	<0.0039
			PNTX1203AB024	713.9	<0.004	<0.0038
		12/4/2019	PNTX1204AB024	781.8	<0.003	<0.0035
		12/5/2019	PNTX1204AB024N	708.12	<0.004	<0.0038
			PNTX1205AB024	684.53	<0.004	<0.0039
		12/6/2019	PNTX1205AB024N	818.69	<0.003	<0.0033
			PNTX1206AB024	659.39	<0.004	<0.0041
		12/7/2019	PNTX1206AB024N	708.79	<0.004	<0.0038
			PNTX1207AB024	728.91	<0.004	<0.0037
		12/8/2019	PNTX1207AB024N	648.42	<0.004	<0.0042
			PNTX1207AB024ND	661.82	<0.004	<0.0041
			PNTX1208AB024	694.7	<0.004	Pending Analysis
			PNTX1208AB024N	730.5	<0.004	Pending Analysis

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS024	Grigsby Ave. and Montgomery St. - telephone pole	12/9/2019	PNTX1209AB024	744	<0.004	Pending Analysis
AS025	Fence across from Oak St and Port Neches Atlantic Rd	11/30/2019	PNTX1130AB025N	745.87	<0.004	<0.0036
		12/1/2019	PNTX1201AB025	707.8	0.0050	<0.0038
			PNTX1201AB025N	758.1	<0.004	<0.0036
		12/2/2019	PNTX1202AB025	717.8	<0.004	<0.0038
		12/3/2019	PNTX1202AB025N	729.02	<0.004	<0.0037
			PNTX1203AB025	730.6	<0.004	<0.0037
			PNTX1203AB025N	743.9	<0.004	<0.0036
		12/4/2019	PNTX1204AB025N	690.56	<0.004	<0.0039
		12/5/2019	PNTX1205AB025	695.32	0.0040	<0.0039
			PNTX1205AB025N	762.5	<0.004	<0.0035
		12/6/2019	PNTX1206AB025	730.41	<0.004	<0.0037
			PNTX1206AB025N	628.49	<0.004	<0.0043
		12/7/2019	PNTX1207AB025	766.94	<0.004	<0.0035
			PNTX1207AB025N	734.85	<0.004	<0.0037
		12/8/2019	PNTX1208AB025	657.9	<0.004	Pending Analysis
			PNTX1208AB025N	755.1	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB025	722.4	<0.004	Pending Analysis
			PNTX1209AB025N	754.3	<0.004	Pending Analysis
AS026	Light pole at NE Corner of Van Buren St. and Wilson St. - across street from NW side of Groves Middle School	12/1/2019	PNTX1201AB026	739.7	<0.004	<0.0036
			PNTX1201AB026N	745.8	<0.004	<0.0036
		12/2/2019	PNTX1202AB026	767.4	<0.004	<0.0035
		12/3/2019	PNTX1202AB026N	688.9	<0.004	<0.0039
			PNTX1203AB026	729.4	<0.004	<0.0037
			PNTX1203AB026N	763.59	<0.004	<0.0035
		12/4/2019	PNTX1204AB026	826.5	0.0030	<0.0033
		12/5/2019	PNTX1204AB026N	655.93	<0.004	<0.0041
			PNTX1205AB026	713.18	<0.004	<0.0038
			PNTX1205AB026N	726.06	<0.004	<0.0037
		12/6/2019	PNTX1206AB026	736.12	<0.004	<0.0037
		12/7/2019	PNTX1206AB026N	601.48	<0.004	<0.0045
			PNTX1207AB026	757.94	<0.004	<0.0036
			PNTX1207AB026D	752.91	<0.004	<0.0036
			PNTX1207AB026N	711.23	<0.004	<0.0038
		12/8/2019	PNTX1208AB026	677.3	<0.004	Pending Analysis

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS026	Light pole at NE Corner of Van Buren St. and Wilson St. - across street from NW side of Groves Middle School	12/8/2019	PNTX1208AB026N	743.2	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB026	729.9	<0.004	Pending Analysis
			PNTX1209AB026N	753.8	<0.004	Pending Analysis
AS027	Northeast of Huntsman office - near gate on side road	12/2/2019	PNTX1202AB027	761.9	<0.004	<0.0035
		12/3/2019	PNTX1202AB027N	611.06	0.0060	<0.0044
			PNTX1203AB027	756.8	<0.004	<0.0036
			PNTX1203AB027N	759.92	<0.004	<0.0036
		12/4/2019	PNTX1204AB027	822.9	<0.003	<0.0033
		12/5/2019	PNTX1204AB027N	649.23	<0.004	<0.0042
			PNTX1205AB027	773.5	<0.003	<0.0035
		12/6/2019	PNTX1205AB027N	667.02	<0.004	<0.0040
			PNTX1206AB027	791.7	<0.003	<0.0034
		12/7/2019	PNTX1206AB027N	594.27	<0.005	<0.0045
			PNTX1207AB027	784.28	<0.003	<0.0034
		12/8/2019	PNTX1207AB027N	666.36	<0.004	<0.0040
			PNTX1208AB027	767.6	<0.004	Pending Analysis
			PNTX1208AB027N	651.4	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB027	739.1	<0.004	Pending Analysis
			PNTX1209AB027N	747	<0.004	Pending Analysis
AS028	TPC Port Neches dock entrance road	12/2/2019	PNTX1202AB028	749.9	<0.004	<0.0036
		12/3/2019	PNTX1202AB028N	669.56	<0.004	<0.0040
			PNTX1203AB028	998.8	<0.003	<0.0027
		12/4/2019	PNTX1203AB028N	765.49	<0.004	<0.0035
			PNTX1204AB028	777.6	<0.003	<0.0035
		12/5/2019	PNTX1204AB028N	696.13	<0.004	<0.0039
			PNTX1205AB028	700.08	<0.004	<0.0039
		12/6/2019	PNTX1205AB028N	802.37	<0.003	<0.0034
			PNTX1206AB028	659.32	<0.004	<0.0041
		12/7/2019	PNTX1206AB028N	707.66	<0.004	<0.0038
			PNTX1207AB028	733.57	<0.004	<0.0037
		12/8/2019	PNTX1207AB028N	657.98	<0.004	<0.0041
			PNTX1208AB028	711.2	<0.004	Pending Analysis
			PNTX1208AB028D	718.9	<0.004	Pending Analysis
			PNTX1208AB028N	728.2	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB028	737.9	<0.004	Pending Analysis

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS028	TPC Port Neches dock entrance road	12/10/2019	PNTX1209AB028N	765.3	<0.004	Pending Analysis
AS029	Corner of Sycamore St. and Pine St.	12/2/2019	PNTX1202AB029	773.7	<0.003	<0.0035
		12/3/2019	PNTX1202AB029N	720.05	<0.004	<0.0037
			PNTX1203AB029	731.5	0.0050	<0.0037
			PNTX1203AB029N	747.16	<0.004	<0.0036
		12/4/2019	PNTX1204AB029	782.1	<0.003	<0.0035
			PNTX1204AB029N	682.52	<0.004	<0.0040
		12/5/2019	PNTX1205AB029	699.6	<0.004	<0.0039
			PNTX1205AB029N	771.36	<0.004	<0.0035
		12/6/2019	PNTX1206AB029	730.37	<0.004	<0.0037
			PNTX1206AB029N	642.16	<0.004	<0.0042
		12/7/2019	PNTX1207AB029	741.71	<0.004	<0.0036
			PNTX1207AB029N	736.38	<0.004	<0.0037
		12/8/2019	PNTX1208AB029	677.9	<0.004	Pending Analysis
			PNTX1208AB029N	735.3	<0.004	Pending Analysis
			PNTX1208AB029ND	756.2	<0.004	Pending Analysis
		12/9/2019	PNTX1209AB029	711.1	<0.004	Pending Analysis
			PNTX1209AB029N	760.7	<0.004	Pending Analysis
AS033	Corner of King George Pd and Poundtower Ln	12/6/2019	PNTX1206AB033	1672.17	<0.002	<0.0016
		12/7/2019	PNTX1206AB033N	1734.77	<0.002	<0.0016
			PNTX1207AB033	1541.68	<0.002	<0.0018
		12/8/2019	PNTX1207AB033N	1372.78	<0.002	<0.0020
			PNTX1208AB033	1732.3	<0.002	Pending Analysis
			PNTX1208AB033N	1772.8	<0.002	Pending Analysis
		12/10/2019	PNTX1209AB033N	1839.7	<0.001	Pending Analysis
AS034	On light pole between houses 2714 and 2718 on McBride Dr, north of fire hydrant	12/4/2019	PNTX1204AB034	2621.36	<0.001	<0.0010
		12/6/2019	PNTX1206AB034	1727.86	<0.002	<0.0016
		12/7/2019	PNTX1206AB034N	1710.99	<0.002	<0.0016
			PNTX1207AB034	1546.32	<0.002	<0.0017
		12/8/2019	PNTX1207AB034N	1646.2	<0.002	<0.0016
			PNTX1208AB034	1706.9	<0.002	Pending Analysis
			PNTX1208AB034N	1750.6	<0.002	Pending Analysis
		12/9/2019	PNTX1209AB034	1785.8	<0.002	Pending Analysis
		12/10/2019	PNTX1209AB034N	1822.8	<0.001	Pending Analysis
AS035	Powerline pole on the corner of [redacted]	12/4/2019	PNTX1204AB035	2503.65	<0.001	<0.0011

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.

Preliminary Integrated Air Sampling Laboratory Results | Fiber/Asbestos (Outside of One Mile Radius)

South 4 Group Fire | Data as of 12/12/2019 2:53:56 PM

Not Analyzed
Pending TEM Analysis
TEM Non-detection

Location Code	Location Description	Sampling Date	Sample Number	Sample Volume (L)	PCM Sample Concentration (f/cc)[1]	TEM Sample Concentration (f/cc)[2]
AS035	Powerline pole on the corner of Jacob Cir and Stephanie Dr	12/6/2019	PNTX1206AB035	1784.8	<0.002	<0.0015
			PNTX1206AB035N	1641.09	<0.002	<0.0016
		12/7/2019	PNTX1207AB035N	1836.05	<0.001	<0.0015
		12/8/2019	PNTX1208AB035	1660.6	<0.002	Pending Analysis
			PNTX1208AB035N	1920.7	<0.001	Pending Analysis
		12/9/2019	PNTX1209AB035	1773.4	<0.002	Pending Analysis
			PNTX1209AB035N	1863.8	<0.001	Pending Analysis
AS036	Stop sign on the corner of Potomac and Pioneer Dr	12/4/2019	PNTX1204AB036	2491.6	<0.001	<0.0011
		12/6/2019	PNTX1206AB036	1815.3	<0.001	<0.0015
			PNTX1206AB036N	1391.5	<0.002	<0.0019
		12/7/2019	PNTX1207AB036N	1827.45	<0.001	<0.0015
		12/8/2019	PNTX1208AB036	1655.5	<0.002	Pending Analysis
			PNTX1208AB036N	1918.4	<0.001	Pending Analysis
		12/9/2019	PNTX1209AB036	1761.7	<0.002	Pending Analysis

Non-detections are reported as less than ("<") the laboratory reporting limit.
[1]Total fiber concentration per cubic centimeter (f/cc) by Phase Contrast Microscopy (PCM), NIOSH method 7400.
[2]Asbestos fiber concentration per cubic centimeter (f/cc) by Transmission Electron Microscopy (TEM) NIOSH method 7402.